AASP African American Studies Summer 2009

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0101	Jason Nichols **Meets June 1, 2009 - July 12, 2009** TuTh 10:00am - 1:20pm	Seats (Total: 30) LEF 1220
0201	Jason Nichols **Meets July 13, 2009 - August 23, 2009** TuWTh 10:00am - 12:15pm	Seats (Total: 35) LEF 1201

AASP101 **Public Policy and the Black Community**

AASP101 Public Policy and the Black Community; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly AASP300. The impact of public policies on the black community and the role of the policy process in affecting the social, economic and political well-being of minorities. Particular attention given to the post-1960 to present era.

0101	Jonathan England **Meets June 1, 2009 - July 12, 2009** TuTh 10:00am - 1:20pm	Seats (Total: 25) EDU 1315

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.

0101	Robert Choflet	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 11:00am - 2:20pm	PLS 1172

AASP443 **Blacks and the Law**

AASP443 Blacks and the Law; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: AASP100 or AASP202 or HIST255 or permission of department. The relationship between black Americans and the law, particularly criminal law, criminal institutions and the criminal justice system. Examines historical changes in the legal status of blacks and changes in the causes of racial disparities in criminal involvement and punishments.

0101	Sherri Beatty-Arthur	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 2:00pm - 5:15pm	SQH 1121

AASP498C **Special Topics in Black Culture; African Americans and the City: 1899 to 2007**

AASP498C Special Topics in Black Culture: African Americans and the City: 1899 to 2007; (3 credits) Grade Method: REG/P-F/AUD.

0101	Odis Johnson	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:00pm - 7:15pm	LEF 1201

AASP498E **Special Topics in Black Culture; Understanding Hip Hop Culture: A Critical Examination**

AASP498E Special Topics in Black Culture: Understanding Hip Hop Culture: A Critical Examination; (3 credits) Grade Method: REG/P-F/AUD.
This course will not only cover the inception and evolution of Hip Hop c ulture, and the various elements of Hip Hop, but this course will critic ally examine the various events, societal constructs, and cultures (past and present) which have contributed to Hip Hop's beginnings and growth. This course will be centered around research papers, examinations, rich class discussion, and critical thought.

0101	Solomon Comissiong	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:20pm	ASY 3211

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.

0101	Jonathan England	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:30pm - 5:50pm	SYM 0200

AASP499D **Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

AASP499D Advanced Topics in Public Policy and the Black Community: Drawing the Colorline: Chocolate City and the Media; (3 credits) Grade Method: REG/P-F/AUD.
This is primarily an on-line section. Students will interact and be asse ssed on their participation in the on-line environment of Blackboard in addition to a final in class presentation on August 21st. Please contact the instructor with any questions at jengland@aasp.umd.edu. There will be an orientation to the class on Tuesday, July 14th.

0201	Jonathan England	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE
	Section will be primarily a web-based course with several actualy classroom meetings.	

AGNR Agriculture and Natural Resources Summer 2009

AGNR499 **Special Problems**

AGNR499 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Leon Slaughter	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

AMSC Applied Mathematics & Scientific Computation Summer 2009

AMSC460 **Computational Methods**

AMSC460 *(PermReq)* **Computational Methods; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: MATH240; and MATH241; and CMSC106 or CMSC114 or ENEE114. Also offered as CMSC460. Credit will be granted for only one of the following: AMSC/CMSC/MAPL460 or AMSC/CMSC/MAPL466. Formerly MAPL460. Basic computational methods for interpolation, least squares, approximation, numerical quadrature, numerical solution of polynomial and transcendental equations, systems of linear equations and initial value problems for ordinary differential equations. Emphasis on methods and their computational properties rather than their analytic aspects. Intended primarily for students in the physical and engineering sciences.

0101	Peter Wolfe	Seats (Total: 30)
	Meets June 1, 2009 - July 24, 2009	
	MTuThF 8:00am - 9:20am	MTH 1308

AMSC498A **Selected Topics in Applied Mathematics**

AMSC498A *(PermReq)* **Selected Topics in Applied Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC689 **Research Interactions in Applied Mathematics and Scientific Computation**

AMSC689 *(PermReq)* **Research Interactions in Applied Mathematics and Scientific Computation; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A *(PermReq)* **Advanced Topics in Applied Mathematics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC799 **Master's Thesis Research**

AMSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC898 **Pre-Candidacy Research**

AMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC899 **Doctoral Dissertation Research**

AMSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Summer 2009

AMST201 **Introduction to American Studies**

AMST201 Introduction to American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Introduction to American cultural studies--past and present--by examining the concept of "self" in American autobiographical writing and the concept of "society" in accounts of various communities.

0101	Heidi Temple	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an on-line section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact the instructor with any questions at htemple@umd.edu.	
0201	Douglas Ishii	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuWTh 9:00am - 11:15am	HZF 0101

AMST203 **Popular Culture in America**

AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.

0201	Maria Velazquez	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE
	This is an on-line section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact the instructor with any questions at maria.i.velazquez.com.	

AMST204 **Film and American Culture Studies**

AMST204 Film and American Culture Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Exploration of the American film from a historical perspective, illustrating the motion picture's role as an institutional phenomenon, as a form of communication, and as a source of cross-cultural study.

0101	Henrike Lehnguth	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:20pm	PLS 1111

AMST211 **Technology and American Culture**

AMST211 Technology and American Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Historical and contemporary technological innovations in American society, with special emphasis on the humanities. Varied social and cultural responses to one contemporary technological issue e.g. (environmental pollution, genetic engineering, communications technology, and psychopharmacology).

0201	Patrick Grzanka	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE
	This is an online section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact the instructor with questions at pgrzanka@umd.edu.	

AMST212 **Diversity in American Culture**

AMST212 Diversity in American Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course.
Exploration of the role of diversity in the shaping of American culture. Special emphasis will be placed on the multicultural origins of American popular and material culture, such as foodways and entertainment, and on the experience of "Americanization."

0101	Robert Hernandez	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an on-line section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact the instructor with questions at ribbher3@umd.edu.	

AMST298L **Performing America: Making Meaning on Stage and Screen**

AMST298L Performing America: Making Meaning on Stage and Screen; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.

0101	Kristen Williams	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an online section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact instructor with questions at kgrrrl@umd.edu.	

AMST328D **Perspectives on Identity and Culture; Cultural Diversity in Contemporary America**

AMST328D Perspectives on Identity and Culture: PERSPECTIVES ON IDENTITY & CULTURE: CULTURAL DIVERSITY IN CONTEMPORARY AMERICA; (3 credits) Grade Method: REG/P-F/AUD.

0201	Christopher Perez	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

AMST386 **Experiential Learning**

AMST386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. *Prerequisite: permission of department. Junior standing.* Faculty mentored independent learning. On line interaction using Blackboard is required.

0106	Jo Paoletti	Seats (Total: 6)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

AMST398 **Independent Studies**

AMST398 Independent Studies; (1-3 credits) Grade Method: REG/P-F/AUD. Faculty mentored independent learning. Online interaction using Blackboard is required. Please contact the instructor for further information at jpaol@umd.edu.

0106	Jo Paoletti	Seats (Total: 6)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

0201	Jo Paoletti	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

AMST418R **Cultural Themes in America; Identity in American Culture**

AMST418R Cultural Themes in America: Identity in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

0101	R Kelly	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an on-line section. Students will interact and be assessed on their participation in an on-line environment. Please contact the instructor with any questions at rgkelly@umd.edu.	

AMST429E **Perspectives on Popular Culture; Television in American Culture**

AMST429E Perspectives on Popular Culture: Television in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

0101	Sheri Parks	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an online section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact instructor with questions at slp@umd.edu.	

AMST429M **Perspectives on Popular Culture; Documentary Film in American Culture**

AMST429M Perspectives on Popular Culture: Documentary Film in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

0201	Myron Lounsbury	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE
	This is an online section. Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact instructor with questions at molouns@umd.edu.	

AMST498R **Special Topics in American Studies; Race and Cinema in the 20th Century United States**

AMST498R Special Topics in American Studies: RACE & CINEMA IN THE 20TH CENTURY U.S.; (3 credits) Grade Method: REG.
This section is offered through the Shady Grove campus. This course will be taught both on-site and online using ELMS/Blackboard.

01Z1	Robert Chester	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	W 4:30pm - 7:50pm	SG3 2206
	This section is offered through the Shady Grove campus. This course wil be taught online using ELMS/Blackboard.	

AMST698 **Directed Readings in American Studies**

AMST698 Directed Readings in American Studies; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST798 **Non-Thesis Research**

AMST798 Non-Thesis Research; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST799 **Master's Thesis Research**

AMST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST898 **Pre-Candidacy Research**

AMST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST899 **Doctoral Dissertation Research**

AMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Summer 2009

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups. Students must pay a $30.00 laboratory materials fee.

0101	Bethany Applebaum	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	TuTh 2:00pm - 5:00pm	JMZ 2206	
	MW 2:00pm - 5:00pm	WDS 0124C	Lab
0102	Bethany Applebaum	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	TuTh 2:00pm - 5:00pm	JMZ 2206	
	TuTh 10:30am - 1:30pm	WDS 0124C	Lab

ANTH240 **Introduction to Archaeology**

ANTH240 Introduction to Archaeology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. Exploration of the variety of past human societies and cultures through archaeology, from the emergence of anatomically modern humans to the more recent historical past.

0101	Matthew Palus	Seats (Total: 30)	
	Meets June 1, 2009 - July 12, 2009		
	MW 1:00pm - 4:30pm	JMZ 2206	

04YS	Eric Larsen	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 12:00pm	HBK 1112
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ANTH298B **Special Topics in Anthropology: Controversies in Archaeology**

ANTH298B Special Topics in Anthropology: Controversies in Archaeology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Click here for more course information.

0101	Mitchell Allen	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

ANTH298E **Anthropological Approaches to Sustainable Development**

ANTH298E Anthropological Approaches to Sustainable Development; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Click here for more course information.

0201	Melissa Stevens	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

ANTH298F **Gender and Anthropology**

ANTH298F Gender and Anthropology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
Also offered as WMST298F. Click here for more course information.

0101	Katherine Johnson	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

ANTH340 **Method and Theory in Archaeology**

ANTH340 Method and Theory in Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ANTH240. For all Anthropology majors with a focus in archaeology or permission of department. Theory, method, and practice which guides modern anthropological archaeology. Includes research design and execution (from survey through excavation and interpretation), the reconstruction of aspects of past cultures, and the understanding of cultural change and meaning.

0201	Matthew Palus	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:00am - 12:10pm	EGR 1110

ANTH358A **Undergraduate Teaching Assistant**

ANTH358A Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358B **Undergraduate Teaching Assistant**

ANTH358B Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358C **Undergraduate Teaching Assistant**

ANTH358C Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH386 **Experiential Learning**

ANTH386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Recommended: completion of advanced courses in relevant subfield of anthropology. Junior standing. For ANTH majors only.
Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398A **Independent Study**

ANTH398A *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Approval of Instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH428W **Special Topics in Bioanthropology; Primate Social Behavior**

ANTH428W Special Topics in Bioanthropology: Primate Social Behavior; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0201	Mark Zajac	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

ANTH429A **Advanced Special Topics in Biological Anthropology; Plagues, Pathogens and Public Policy**

ANTH429A Advanced Special Topics in Biological Anthropology: Plagues, Pathogens and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information. Click here for classroom location.

02Z1	Marilyn London	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 8:40pm	Location: TBA
	This section meets at the Shady Grove campus.	

ANTH445 **Laboratory Methods in Archaeology**

ANTH445 Laboratory Methods in Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ANTH496. Recommended: ANTH240. The processing, curation, cataloging and analysis of data is an important part of any archaeology field project. Students will learn that basics of laboratory techniques necessary for the final analysis and interpretation of field data.

0401	Mark Leone	Seats (Total: 20)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:00am - 5:00pm	WDS 1124	Lab
	This lab section will work with finds from the Annapolis field school led by Leone, Knauf & Tang.		

ANTH476 **Senior Research**

ANTH476 *(PermReq)* **Senior Research; (3-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
For ANTH majors only. Credit will be granted for only one of the following: ANTH476 or ANTH486. Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of a senior thesis in anthropology.

Contact department for information to register for this course.

ANTH477 **Senior Thesis**

ANTH477 *(PermReq)* **Senior Thesis; (3-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ANTH476; permission of department. For ANTH majors only. Credit will be granted for only one of the following: ANTH477 or ANTH487. Capstone course in which students write a senior thesis on independent research into a current problem in anthropology. The thesis is defined before a committee of faculty.

Contact department for information to register for this course.

ANTH486 **Honors Research**

ANTH486 Honors Research; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH486 or ANTH476.* Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of an honors thesis in anthropology.

Contact department for information to register for this course.

ANTH487 **Honors Thesis**

ANTH487 Honors Thesis; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: ANTH486; permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH487 or ANTH477.* Capstone course in which students write a thesis on the results of independent research into a current problem in anthropology.

Contact department for information to register for this course.

ANTH496 **Field Methods in Archaeology**

ANTH496 Field Methods in Archaeology; (6 credits) Grade Method: REG/P-F/AUD.
Field training in the techniques of archaeological survey and excavation. Click here for more course information.

0101	Jocelyn Knauf, Amanda Tang, Mark Leone **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 4:00pm *Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.*	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 4:00pm *Excavation site will be approximately 12 miles north of Baltimore. Students will be responsible for their own transportation.*	Seats (Total: 15) Location: TBA

ANTH498C **Advanced Field Training in Ethnography; Brazil: Environmental Conservation & Indigenous Peoples**

Contact department for information to register for this course.

ANTH498J **Advanced Field Training in Ethnography; Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**

Contact department for information to register for this course.

ANTH498W **Advanced Field Training in Ethnography; Jamaica: Connections, Celebration and Identity**

Contact department for information to register for this course.

ANTH688A **Current Developments in Anthropology**

ANTH688A Current Developments in Anthropology; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH689A **Special Problems in Anthropology**

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH696 **Field Methods in Archaeology**

ANTH696 Field Methods in Archaeology; (6 credits) Grade Method: REG/AUD. *Formerly ANTH699.* Field training in the techniques of archaeological survey and excavation. Click here for more course information.

0101	Jocelyn Knauf, Mark Leone, Amanda Tang **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 4:00pm	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 4:00pm	Seats (Total: 15) Location: TBA

ANTH698C **Advanced Field Training in Ethnology; Ethnographic Fieldwork**
Contact department for information to register for this course.

ANTH698J **Advanced Field Training in Ethnology; Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**
Contact department for information to register for this course.

ANTH698W **Advanced Field Training in Ethnology; Jamaica: Connections, Celebration and Identity**
Contact department for information to register for this course.

ANTH712 **Anthropology Internship Analysis**

ANTH712 *(PermReq)* **Anthropology Internship Analysis; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ANTH789. The preparation and presentation of internship results, and the development of skills in report writing and presentation. Includes the completion of a professional quality report or publishable paper based on the internship experience. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH788 **Internship Research**
Contact department for information to register for this course.

ANTH789 **Internship**

ANTH789 Internship; (3-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC Atmospheric and Oceanic Science Summer 2009

AOSC798 **Directed Graduate Research**

AOSC798 Directed Graduate Research; (1-3 credits) Grade Method: S-F.

0101	James Carton	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

0103	Raghu Murtugudde **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0104	Raghu Murtugudde **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0105	Antonio Busalacchi **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0203	Raghu Murtugudde **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)
0204	Raghu Murtugudde **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)
0206	Kenneth Pickering **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

AOSC899 **Doctoral Dissertation Research**

AOSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB Arabic Summer 2009

ARAB210 **Elementary Levantine Arabic III**
Contact department for information to register for this course.

ARAB304 **Advanced Modern Standard Arabic I**
Contact department for information to register for this course.

ARAB305 **Advanced Modern Standard Arabic II**
Contact department for information to register for this course.

ARAB330 **Listening Strategies in Arabic I**
Contact department for information to register for this course.

ARAB402 **Arabic Translation**

ARAB402 Arabic Translation; (3 credits) Grade Method: REG/P-F/AUD.

PC01	Saleh Al-Nusairat	Seats (Total: 20)
	Meets June 1, 2009 - July 24, 2009	
	TuTh 8:30am - 10:15am	Location: TBA
	W 1:30pm - 3:15pm	Location: TBA

ARCH Architecture Summer 2009

ARCH150 **Discovering Architecture: A Career Studio**

ARCH150 Discovering Architecture: A Career Studio; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. Introduction to careers in architecture. A Young Scholars Program course, offered during the summer only. Students learn about careers in architecture, landscape architecture and urban planning. Architecture faculty teach basic design principles that students use to complete their own design project in a design studio environment.

04YS	Michael Ambrose	Seats (Total: 64)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:00pm	ASY 2309
	MTuWThF 12:00pm - 4:30pm	ARC 1105
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ARCH223 **History of Non-Western Architecture**

ARCH223 History of Non-Western Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. Survey of non-western architectural history, including prehistoric and vernacular; ancient civilizations and the Indus valley; the Islamic world; Hindu and Buddhist traditions of Asia; and pre-European Africa and the Americas.

0401	Robert Vann	Seats (Total: 25)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWTh 7:00pm - 10:20pm	ARC 1105	

ARCH224 **The Ancient Roman City: Pompeii and Beyond**

ARCH224 The Ancient Roman City: Pompeii and Beyond; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Not open to students who have completed HONR208S. Credit will be granted for only one of the following: ARCH224 or HONR208S. Study of daily life in the ancient Roman world seen through the architecture of Pompeii and neighboring cities.

0401	Robert Vann	Seats (Total: 25)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWTh 9:00am - 12:20pm	ARC 1101	

ARCH242 **Basic Architectural Drawing**

ARCH242 Basic Architectural Drawing; (3 credits) Grade Method: REG.
Prerequisite: ARCH170 or permission of department. Freshman standing. The study of drawing as a learned skill with emphasis on observation, documentation, analysis, and synthesis. This introductory course immerses students in the conventions of architectural drawing (orthographics, isometrics, axonometrics, and linear perspective) primarily through freehand drawing.

0101	Lester Escobal	Seats (Total: 40)	
	Meets June 1, 2009 - July 12, 2009		
	MW 7:00pm - 8:00pm	ARC 1105	
	MW 8:00pm - 10:20pm	ARC 1105	Lab

ARCH343 **Intermediate Architectural Drawing**

ARCH343 *(PermReq)* **Intermediate Architectural Drawing; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ARCH242 or permission of department. For ARCH majors only. Development of media technique (including color pencil, pastel, graphite, ink, and watercolor) as vehicles for investigating color, composition, and abstraction. Exploration of historical and contemporary issues of representation in architectural visual communication.

0201	Courtney Miller	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 7:00pm - 10:20pm	ARC 1121

ARCH428 **Selected Topics in Architectural History**

ARCH428 *(PermReq)* **Selected Topics in Architectural History; (1-3 credits)**
Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH428F **Selected Topics in Architectural History; French Architecture, Urbanism and Landscape**
Contact department for information to register for this course.

ARCH428P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH429 **Independent Studies in Architectural History**

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4 credits)**
Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH429T **Independent Studies in Architectural History; Architecture in Carthage, Tunisia**
Contact department for information to register for this course.

ARCH445P **Visual Analysis of Architecture**
Contact department for information to register for this course.

ARCH448 **Selected Topics in Visual Studies for Architects; Visual Analysis/Urbanism and Architecture**
Contact department for information to register for this course.

ARCH448D **Selected Topics in Visual Studies for Architects; Drawing and Visualization**

ARCH448D Selected Topics in Visual Studies for Architects: Drawing and Visualization; (3 credits) Grade Method: REG/P-F/AUD.

0101	Lester Escobal	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 7:00pm - 10:40pm	ARC 1105

ARCH448F	**Selected Topics in Visual Studies for Architects; Visual Analysis** **Contact department for information to register for this course.**
ARCH448P	**Selected Topics in Visual Studies for Architects; Visual Analysis in Paris and France** **Contact department for information to register for this course.**
ARCH448R	**Selected Topics in Visual Studies for Architects; Visual Analysis: The Building and the City** **Contact department for information to register for this course.**
ARCH448V	**Selected Topics in Visual Studies for Architects** **Contact department for information to register for this course.**
ARCH478A	**Selected Topics in Architecture; History/Theory Seminar** **Contact department for information to register for this course.**
ARCH478O	**Selected Topics in Architecture; Architectural Representation** **Contact department for information to register for this course.**
ARCH478R	**Selected Topics in Architecture; Architectural Drawings II** **Contact department for information to register for this course.**
ARCH479	**Independent Studies in Architecture** **ARCH479 Independent Studies in Architecture; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**
ARCH479C	**Independent Studies in Architecture; Culture, Community, and Architecture: An experiment in values lost in society**

ARCH479C Independent Studies in Architecture: Culture, Community, and Architecture: An experiment in values lost in society; (3 credits) Grade Method: REG/P-F/AUD.

This course examines the physical and built environments that pertain specifically to the Northern Cheyenne Nation. Questioning, how do social infrastructures, operating within the public realm (both built and un-built) directly affect culture, community, landscape, and the constructed environments. We will explore the potential of cultural values that exist within the physical environment and how these values can inform and direct the design of the built environment. The course work will allow 6-12 students to be immersed within the Northern Cheyenne's cultural environment located in rural Montana for three weeks. The students will focus on scenarios that will propose possible efforts to preserve and invigorate ways of modern living in everyday Cheyenne life. The course seeks to study the Northern Cheyenne's values in an attempt to understand how architecture plays a role in culture and the definition of a community environment. Additional Course Note: This course will be taught on-site in rural Montana within the Northern Cheyenne's cultural environment. Students are required to pay for their own airfare, room & board . For more information on the course and accommodations Please click here .

0501	Alistair Dearie, Brooke Wortham-Galvin	Seats (Total: 12)
	Meets June 22, 2009 - July 13, 2009	
	MTuWThF 9:00am - 5:00pm	Location: TBA

ARCH483 **Field Archaeology**
Contact department for information to register for this course.

ARCH488K **Selected Topics in Architectural Preservation; Historic Preservation at Kiplin**
Contact department for information to register for this course.

ARCH489A **Independent Studies in Architectural Preservation; HOUSING IN SOUTH AFRICA**
Contact department for information to register for this course.

ARCH628 **Selected Topics in Architectural History; Architectural History**

ARCH628 *(PermReq)* **Selected Topics in Architectural History: Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Majors only.

Contact department for information to register for this course.

ARCH628P	**Selected Topics in Architectural History; Domestic Architecture in Pompeii** **Contact department for information to register for this course.**
ARCH629	**Independent Studies in Architectural History** **ARCH629** *(PermReq)* **Independent Studies in Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. **Contact department for information to register for this course.**
ARCH678A	**Selected Topics in Architecture; History/Theory Seminar** **Contact department for information to register for this course.**
ARCH678B	**Selected Topics in Architecture; History of British Architecture** **Contact department for information to register for this course.**
ARCH678F	**Selected Topics in Architecture; St. Petersburg, Russia** **Contact department for information to register for this course.**
ARCH678O	**Selected Topics in Architecture; Architectural Representation** **Contact department for information to register for this course.**
ARCH678P	**Selected Topics in Architecture; Visual Analysis: The Building and the City** **Contact department for information to register for this course.**
ARCH678R	**Selected Topics in Architecture; Architectual Representation** **Contact department for information to register for this course.**
ARCH678V	**Selected Topics in Architecture; Visual Analysis/Urbanism and Architecture** **Contact department for information to register for this course.**
ARCH679	**Independent Studies in Architecture** **ARCH679 Independent Studies in Architecture; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**

ARCH679C **Independent Studies in Architecture; Culture, Community, and Architecture: An experiment in values lost in society**

ARCH679C Independent Studies in Architecture: Culture, Community, and Architecture: An experiment in values lost in society; (3 credits) Grade Method: REG/AUD.

This course examines the physical and built environments that pertain specifically to the Northern Cheyenne Nation. Questioning, how do social infrastructures, operating within the public realm (both built and un-built) directly affect culture, community, landscape, and the constructed environments. We will explore the potential of cultural values that exist within the physical environment and how these values can inform and direct the design of the built environment. The course work will allow 6-12 students to be immersed within the Northern Cheyenne's cultural environment located in rural Montana for three weeks. The students will focus on scenarios that will propose possible efforts to preserve and invigorate ways of modern living in everyday Cheyenne life. The course seeks to study the Northern Cheyenne's values in an attempt to understand how architecture plays a role in culture and the definition of a community environment. Additional Course Note: This course will be taught on-site in rural Montana within the Northern Cheyenne's cultural environment. Students are required to pay for their own airfare, room & board . For more information on the course and accommodations Please click here .

0501	Alistair Dearie, Brooke Wortham-Galvin	Seats (Total: 12)
	Meets June 22, 2009 - July 13, 2009	
	MTuWThF 9:00am - 5:00pm	Location: TBA

ARCH679P **Independent Studies in Architecture; Design and Architecture in St. Petersburg**
Contact department for information to register for this course.

ARCH799 **Master's Thesis Research**
Contact department for information to register for this course.

ARHU Arts and Humanities Summer 2009

ARHU286 **Experiential Learning**

ARHU286 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Permission of the College of Arts and Humanities. Restricted to students that have earned 12 credits at UM; 2.5 GPA. On-campus internships cannot be taken for credit through ARHU 286 ("on-campus" includes both the University of Maryland and other college campuses). For ARHU majors only. Designed for ARHU students who wish to complete an internship in one of the academic fields covered within the College of Arts and Humanities.

0201	Paula Nadler	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ARHU298J **Special Problems in Arts and Humanities; Cross Cultural Perspectives in Poetry and Fiction**

ARHU298J Special Problems in Arts and Humanities: Cross Cultural Perspectives in Poetry and Fiction; (3 credits) Grade Method: REG/P-F/AUD.
Students will read great poems and stories from across cultures and engage in related writing exercises. Students will share their own original writing in a supportive workshop setting, discover new approaches to revision. "Part of the Young Scholars Program. Enrollment by permission only. Contact summer@umd. edu for further information."

04YS	Vivianne Salgado, Zein El-Amine	Seats (Total: 28)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:30pm	DOR 0121
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ARHU299T **Studies in Humanities Technology; Tech Apprentice Program**

ARHU299T *(PermReq)* **Studies in Humanities Technology: Tech Apprentice Program; (3 credits)** Grade Method: REG/P-F/AUD.
Restricted to ARHU students and permission of department is required. Click here for detailed requirements and course information.

0101	Deborah Mateik, Sharon Roushdy	Seats (Total: 16)	
	Meets June 1, 2009 - July 12, 2009		
	M 9:00am - 12:30pm	CSS 1410	
	Class time/details on ELMs	ONLINE	Discussion
	In addition to the three hour weekly face-to-face meeting, the class will meet on-line for another three hours per week. Students will interact and be assessed on their participation in an on-line environment.		

ARHU386 **Experiential Learning**

ARHU386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of the college. Junior standing.

Contact department for information to register for this course.

ARTH Art History & Archaeology Summer 2009

ARTH100 **Introduction to Art**

ARTH100 Introduction to Art; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
No credit toward the major can be received for this course. Major approaches to understanding the visual arts, and includes analysis of techniques, subject matter, and form. Painting, sculpture, architecture, and the graphic arts.

0201	Marie Ladino	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 12:30pm - 1:50pm	ASY 3219

ARTH200 **Art of the Western World to 1300**

ARTH200 Art of the Western World to 1300; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Painting, sculpture, and architecture from prehistoric times to the Renaissance.

0101	Abram Fox	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 2:00pm - 3:20pm	ASY 3215

0201	Lyrica Taylor **Meets July 13, 2009 - August 23, 2009** MTuWThF 2:00pm - 3:20pm	Seats (Total: 25) ASY 3215

ARTH201 **Art of the Western World after 1300**

ARTH201 Art of the Western World after 1300; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Painting, sculpture, and architecture from the Renaissance to the present.

0101	Jessica Hoffman **Meets June 1, 2009 - July 12, 2009** MTuWThF 3:30pm - 4:50pm	Seats (Total: 25) ASY 3215
0201	Sohee Kim **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) ASY 3215

ARTH290 **Art of Asia**

ARTH290 Art of Asia; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
South and East Asian art from prehistory through the mid-19th century.

0101	Seojeong Shin **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) ASY 3215
0201	Xiaoqing Zhu **Meets July 13, 2009 - August 23, 2009** MTuWThF 12:30pm - 1:50pm	Seats (Total: 25) ASY 3215

ARTH324 **Sixteenth-Century Italian Renaissance Art**

ARTH324 Sixteenth-Century Italian Renaissance Art; (3 credits) Grade Method: REG/P-F/AUD.
Formerly ARTH416. Painting, sculpture, architecture, and the decorative arts of the sixteenth century in Italy.

0201	Steven Cody	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 2:00pm - 3:20pm	ASY 3219

ARTH335 **Seventeenth-Century Art in the Netherlands**

ARTH335 Seventeenth-Century Art in the Netherlands; (3 credits) Grade Method: REG/P-F/AUD.
Formerly ARTH435. Painting, sculpture and architecture in seventeenth-century Netherlands.

0201	Lara Yeager-Crasselt	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 11:00am - 12:20pm	ASY 3219

ARTH350 **Twentieth-Century Art to 1945**

ARTH350 Twentieth-Century Art to 1945; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTH201. Formerly ARTH455. Painting, sculpture, and architecture in Europe and America from the late nineteenth century to the end of World War II.

0101	Amelia Kahl Avdic	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 12:30pm - 1:50pm	ASY 3215

ARTH351 **Twentieth Century Art from 1945**

ARTH351 Twentieth Century Art from 1945; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTH201 or ARTH350. Formerly ARTH456. Visual art since 1945, with an emphasis on North America and Europe.

0201	Yookyoung Choi	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 3:30pm - 4:50pm	ASY 3215

ARTH361 **American Art Since 1876**

ARTH361 American Art Since 1876; (3 credits) Grade Method: REG/P-F/AUD. *Formerly ARTH460.* Painting, sculpture, architecture, and the decorative arts in North America after 1876.

0101	Sybil Gohari	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 11:00am - 12:20pm	ASY 3219

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 12:30pm - 3:30pm	ASY 3217

ARTH389B **Special Topics in Art History and Archaeology; The Art of Color: A Left and Right Brain Experience**

ARTH389B Special Topics in Art History and Archaeology: The Art of Color: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 3:30pm - 6:30pm	ASY 3217

ARTH389N **Special Topics in Art History and Archaeology; Rembrandt's Amsterdam in the Dutch Golden Age**

Contact department for information to register for this course.

ARTH389W **Special Topics in Art History and Archaeology; Western Film and the Vision of the American West**

ARTH389W Special Topics in Art History and Archaeology: Western Film and the Vision of the American West; (3 credits) Grade Method: REG/P-F/AUD.

0301	Greg Metcalf	Seats (Total: 20)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:00pm - 4:15pm	HBK 0302H

ARTH498 **Directed Studies in Art History I**

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH499 **Honors Thesis**

ARTH499 *(PermReq)* **Honors Thesis; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH699 **Special Topics in Art History**

ARTH699 Special Topics in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH798 **Directed Graduate Studies in Art History**

ARTH798 Directed Graduate Studies in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH799 **Master's Thesis Research**

ARTH799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH898 **Pre-Candidacy Research**

ARTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH899 **Doctoral Dissertation Research**

ARTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT Art Studio Summer 2009

ARTT100 **Two-Dimensional Design Fundamentals**

ARTT100 Two-Dimensional Design Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: ARTT100, ARTS100, DESN101, or APDS101. Formerly ARTS100. Principles and elements of two-dimensional design. Introduction to visual communication. Students must pay a $40.00 materials fee.

0401	Juan Rojo Acebes	Seats (Total: 18)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWTh 9:00am - 2:30pm	ASY 2314	

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD.
Formerly ARTS110. Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a $40.00 materials fee.

0101	Margo Humphrey	Seats (Total: 15)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 9:00am - 11:30am	ASY 2317	Lab
0201	Dawn Gavin	Seats (Total: 15)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 9:00am - 11:30am	ASY 2317	

04YS	Jeffrey Pinder	Seats (Total: 18)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 3:00pm	ASY 3217
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art.

0301	Richard Klank	Seats (Total: 25)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 7:00pm - 10:20pm	ASY 2203
06FF	Leslie Berns	Seats (Total: 15)
	Meets August 3, 2009 - August 21, 2009	
	MTuWTh 12:30pm - 3:50pm	EDU 1315
	Part of Freshmen First. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.	

ARTT200 **Three-Dimensional Art Fundamentals**

ARTT200 Three-Dimensional Art Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Credit will be granted for only one of the following: ARTT200, ARTS200, DESN102, or APDS102. Formerly ARTS200.
Fundamental concepts of three-dimensional form and space examined through the manipulation and organization of various materials. Students must pay a $40.00 materials fee.

0101	Brent Crothers	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 12:30pm - 3:00pm	ASY 1311

ARTT208W **Intermediate Special Topics in Art; Introduction to Watercolor and Water Based Media**

ARTT208W Intermediate Special Topics in Art: Introduction to Watercolor and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ARTT208Y **Intermediate Special Topics in Art; Czech Arts and Culture**
Contact department for information to register for this course.

ARTT208Z **Intermediate Special Topics in Art; Artist's Journal in Prague**
Contact department for information to register for this course.

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT110. Formerly ARTS210. Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 materials fee.

0101	Margo Humphrey	Seats (Total: 8)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 9:00am - 11:30am	ASY 2321
0201	Dawn Gavin	Seats (Total: 8)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 9:00am - 11:30am	ASY 2321

ARTT320 **Elements of Painting**

ARTT320 Elements of Painting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS320. Concepts and fundamental processes of oil and/or acrylic painting. Material fee of $40.00.

0201	Dawn Gavin	Seats (Total: 8)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 12:30pm - 3:00pm	ASY 3322

ARTT330 **Elements of Sculpture: Metal Casting**

ARTT330 Elements of Sculpture: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS330. Sculptural concepts and fundamental processes related to metal casting. Students must pay a $40.00 materials fee.

0301	Steven Jones	Seats (Total: 7)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 12:30pm - 5:30pm	ASY 1310

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS343. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 14)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 10:00am - 3:00pm	ASY 1317
0401	Justin Strom	Seats (Total: 14)
	Meets July 13, 2009 - July 31, 2009	
	MTuWTh 10:00am - 3:00pm	ASY 1317

ARTT353 **Elements of Photography**

ARTT353 Elements of Photography; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Introduction to black-and-white photography. Basic technical and aesthetic vocabulary, camera mechanics and darkroom techniques. Introduction to the photographic message and meaning in both fine art and design concept. Students must pay a $40.00 materials fee.

0401	Sora Devore **Meets July 13, 2009 - July 30, 2009** MTuWTh 9:00am - 2:00pm	Seats (Total: 10) MMH 0401

ARTT354 **Elements of Computer Graphics**

ARTT354 Elements of Computer Graphics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department.
Introduction to computer graphics, imaging, illustration and mixed media. Material fee of $40.00.

0101	Brandon Morse **Meets June 2, 2009 - July 2, 2009** MTuWTh 1:00pm - 6:00pm	Seats (Total: 14) ASY 3311E

ARTT386 **Experiential Learning**

ARTT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

ARTT418 **Advanced Drawing Studio**

ARTT418 Advanced Drawing Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0101	Margo Humphrey **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321
0201	Dawn Gavin **Meets July 13, 2009 - August 23, 2009** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321

ARTT418B **Advanced Drawing Studio; Focus on Watercolor Wash**

ARTT418B Advanced Drawing Studio: Focus on Watercolor Wash; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Richard Klank	Seats (Total: 18)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ARTT428 **Advanced Painting Studio; Advance Painting**

ARTT428 Advanced Painting Studio: Advance Painting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0201	Dawn Gavin	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 12:30pm - 3:00pm	ASY 3322

ARTT428A **Advanced Painting Studio; Water Color and Water Based Media**

ARTT428A Advanced Painting Studio: Water Color and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ARTT448E **Advanced Printmaking Studio**

ARTT448E Advanced Printmaking Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 4)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 10:00am - 3:00pm	ASY 1317

0401	Justin Strom	Seats (Total: 4)
	Meets July 13, 2009 - July 31, 2009	
	MTuWTh 10:00am - 3:00pm	ASY 1317

ARTT449 **Advanced Photography Studio**

ARTT449 Advanced Photography Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0401	Sora Devore	Seats (Total: 4)
	Meets July 13, 2009 - July 30, 2009	
	MTuWTh 9:00am - 2:00pm	MMH 0401

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Issues in Contemporary Art**

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; (3 credits) Grade Method: REG/P-F/AUD.

0301	Richard Klank	Seats (Total: 20)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 7:00pm - 10:20pm	ASY 2203

ARTT489J **Advanced Special Topics in Art; Metal Casting**

ARTT489J Advanced Special Topics in Art: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0301	Steven Jones	Seats (Total: 7)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 12:30pm - 5:30pm	ASY 1310

ARTT489N **Advanced Special Topics in Art; Design in Illustration**

ARTT489N Advanced Special Topics in Art: Design in Illustration; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0301	James Thorpe	Seats (Total: 20)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 10:00am - 3:00pm	ASY 2318

ARTT489Y **Advanced Special Topics in Art; Czech Arts and Culture**
Contact department for information to register for this course.

ARTT489Z **Advanced Special Topics in Art; Artist's Journal in Prague**
Contact department for information to register for this course.

ARTT498 **Directed Studies in Studio Art**

ARTT498 *(PermReq)* **Directed Studies in Studio Art; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $40.00 materials fee.

Contact department for information to register for this course.

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $40.00 materials fee.

Contact department for information to register for this course.

ARTT498B **Directed Studies in Studio Art**

ARTT498B *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Material fee of $40.00.

Contact department for information to register for this course.

ARTT698B **Directed Graduate Studies in Studio Art**

ARTT698B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Material fee of $60.00.

0205	Dawn Gavin	Seats (Total: 10)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ARTT698C **Directed Graduate Studies in Studio Art**

ARTT698C Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Students must pay a $60.00 Materials fee.

0301	Steven Jones	Seats (Total: 3)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 12:30pm - 5:30pm	ASY 1310

ARTT698W **Directed Graduate Studies in Studio Art; Water Color and Water Based Media**

ARTT698W Directed Graduate Studies in Studio Art: Water Color and Water Based Media; (3 credits) Grade Method: REG/AUD.
There is a special fee of $60.00 required for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ASTR Astronomy Summer 2009

ASTR100 **Introduction to Astronomy**

ASTR100 Introduction to Astronomy; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science (PS) Course.
Credit for ASTR100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. CORE Physical Science Non-Laboratory (PS) Course. CORE Physical Science Laboratory (PL) Course when taken concurrently with ASTR 111. Credit will be granted for only one of the following: ASTR100 or ASTR101 or ASTR120. An elementary course in descriptive astronomy, especially appropriate for non-science students. Sun, moon, planets, stars and nebulae, galaxies, evolution.

0101	Melissa Hayes-Gehrke	Seats (Total: 40)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	CSS 2400	
0201	James Hunt	Seats (Total: 20)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:30am - 10:50am	CSS 2400	

ASTR101 **General Astronomy**

ASTR101 General Astronomy; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Credit for ASTR101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR100 or ASTR101 or ASTR120. Descriptive astronomy, appropriate for non-science majors. Sun, moon, planets, stars, nebulae, galaxies and evolution. Laboratory exercises include use of photographic material, computer simulations, and observing sessions if weather permits. Students must pay a $50.00 Laboratory Materials fee.

0201	James Hunt	Seats (Total: 20)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:30am - 10:50am	CSS 2400	
	TuTh 11:00am - 1:00pm	CSS 1109	Lab

ASTR220 **Collisions in Space**

ASTR220 Collisions in Space; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Not open to astronomy majors. Appropriate for non-science majors. Application of scientific method to the study of collisions in space. Impact cratering on planets and satellites. Possible implications for the Earth. Interactions between stars and galaxies. Possible effects due to supermassive black holes. Events like the 1994 comet crash on Jupiter and data from the Hubble Space Telescope will be highlighted.

0101	Melissa Hayes-Gehrke	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm	CSS 2400	

ASTR699 **Special Problems in Advanced Astronomy**

ASTR699 Special Problems in Advanced Astronomy; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR898 **Pre-Candidacy Research**

ASTR898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR899 **Doctoral Dissertation Research**

ASTR899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM Biochemistry Summer 2009

BCHM461 **Biochemistry I**

BCHM461 Biochemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {CHEM271 and CHEM272} or {CHEM276 and CHEM277} or {CHEM113 and CHEM241 and CHEM242}. A grade of C (2.0) or better is required in all prerequisites. Not open to students who have completed BCHM261 or BCHM463. Credit will be granted for only one of the following: BCHM261, BCHM461, or BCHM463.* First semester of a comprehensive introduction to modern biochemistry. Structure, chemical properties, and function of proteins and enzymes, carbohydrates, lipids, and nucleic acids. Basic enzyme kinetics and catalytic mechanisms.

0101	Thomas Ayers	Seats (Total: 100)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 10:50am	CHM 1407

BCHM462 **Biochemistry II**

BCHM462 Biochemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BCHM461. A grade of C or better in the prerequisite is required for Life Science majors and recommended for all students. Not open to students who have completed BCHM463. Credit will be granted for only one of the following: BCHM462 or BCHM463.* A continuation of BCHM 461. Metabolic pathways and metabolic regulation, energy transduction in biological systems, enzyme catalytic mechanisms.

0201	Thomas Ayers	Seats (Total: 100)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 10:50am	CHM 1407

BCHM463 **Biochemistry of Physiology**

BCHM463 Biochemistry of Physiology; (3 credits) Grade Method: REG/AUD. *Prerequisite: {CHEM271 and CHEM272} or {CHEM276 and CHEM277} or {CHEM113 and CHEM241 and CHEM242}. A grade of C (2.0) or better is required in all prerequisites. Not open to students who have completed BCHM461 or BCHM462. Credit will be granted for only one of the following: BCHM463 or {BCHM461 or BCHM462}.* A one-semester introduction to general biochemistry. A study of protein structure, enzyme catalysis, metabolism, and metabolic regulation with respect to their relationship to physiology.

0201	Jason Kahn, Douglas Julin	Seats (Total: 50)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 10:50am	CHM 1402

BCHM699 **Special Problems in Biochemistry**

BCHM699 Special Problems in Biochemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM799 **Master's Thesis Research**

BCHM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM898 **Pre-Candidacy Research**

BCHM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM899 **Doctoral Dissertation Research**

BCHM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE Bioengineering Summer 2009

BIOE160 **Biopharmaceutical Production**

BIOE160 *(PermReq)* **Biopharmaceutical Production; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. Restricted to students in the Young Scholars Program. Credit will be granted for only one of the following: BIOE168 or BIOE160. Formerly BIOE168. Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing in a classroom setting. Students will work through a "production campaign" including all key steps of manufacturing a protein product.

04YS	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:00am - 9:50am	JMP 2202	
	MTuWThF 10:00am - 12:50pm	CHE 1203	Lab
	This is part of the Young Scholars Program.		
YS02	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:00am - 9:50am	JMP 2202	
	MTuWThF 2:00pm - 4:50pm	CHE 1203	Lab
	Click here for further information at the Summer Programs website.		

BIOE799 **Master's Thesis Research**

BIOE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE898 **Pre-Candidacy Research**

BIOE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE899 **Doctoral Dissertation Research**

BIOE899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOM Biometrics Summer 2009

BIOM601 **Biostatistics I**

BIOM601 Biostatistics I; (4 credits) Grade Method: REG/AUD.
Prerequisite: BIOM 301, STAT 464 or equivalent. Not open to students who have completed BIOM 402. Credit will be granted for only one of the following: BIOM 401 or BIOM 601. Estimation and hypothesis testing, t tests, one and two way analysis of variance, regression, analysis of frequency data. Lecture will emphasize uses and limitations of these methods in biology, while the laboratory will emphasize the use of statistical analysis software for the analysis of biological data.

0101	Frank Siewerdt	Seats (Total: 28)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm	ANS 0412	
	TuTh 1:00pm - 3:30pm	ANS 0473	Lab

BIOM698 **Special Problems in Biometrics**

BIOM698 *(PermReq)* **Special Problems in Biometrics; (1 credit)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT Business and Management Summer 2009

BMGT110 **Introduction to Business and Management**

BMGT110 Introduction to Business and Management; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime. A survey of the field of business, including its environment, organization, overall and functional management and current issues and developments.

0201	Hugh Turner	Seats (Total: 45)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:40pm - 10:00pm	VMH 1202

BMGT215 **Fundamentals of Accounting**

BMGT215 *(PermReq)* **Fundamentals of Accounting; (3 credits)** Grade Method: REG.
Topics covered include financial statements (balance sheets and income statement), introduction to financial statement analysis, and financial planning. Current events related to financial information, such as fair value and international accounting standards will also be covered as well as a brief discussion about income tax. Restricted to non-BMGT majors with 30 credit hours completed. This course does not count toward a degree in the Smith School of Business. Students taking BMGT215 must take BMGT395 concurrently. Credit will be granted for only one of the following courses: BMGT215 or BMGT220. This section is part of the Smith Business Edge program. Enrollment by permission only. Click here to access the Summer Programs website for further information.

0301	Gary Bulmash	Seats (Total: 50)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:30am - 12:30pm	VMH 1518

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Progyan Basu **Meets June 1, 2009 - July 12, 2009** MTuWTh 12:30pm - 2:10pm	Seats (Total: 40) VMH 1202
0102	Progyan Basu **Meets June 1, 2009 - July 12, 2009** TuTh 6:40pm - 10:00pm	Seats (Total: 40) VMH 1511
0201	Amanda Wilford **Meets July 13, 2009 - August 23, 2009** MW 5:40pm - 9:00pm	Seats (Total: 40) VMH 1206

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0301	Gregory Pfeiffer **Meets June 1, 2009 - June 19, 2009** MTuWTh 10:00am - 1:20pm	Seats (Total: 40) VMH 1412

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG.
Prerequisite: MATH113 or MATH115 or placement in MATH220 or higher. Not open to students who have completed BMGT231, ENEE324, or STAT400. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management. This course does not meet requirements for management science and statistics majors.

0101	Francis Alt **Meets June 1, 2009 - July 12, 2009** MW 9:00am - 12:20pm	Seats (Total: 35) VMH 1206
0201	Kazim Ruhi **Meets July 13, 2009 - August 23, 2009** MW 2:00pm - 5:20pm	Seats (Total: 35) VMH 1412

BMGT301 **Introduction to Information Systems**

BMGT301 Introduction to Information Systems; (3 credits) Grade Method: REG.
CMSC majors will not receive credit for this course towards their upper level concentration in their CMSC major. All BMGT majors, including students who are a double major in CMCS, must complete BMGT301 for their BMGT degree. For BMGT majors only. Comprehensive overview of information systems (IS), which explores the strategic and tactical nature of IS. The basic concepts in analyzing and designing information systems for business applications will be presented. Aspects of data management such as databases, data warehousing, data analysis, and data mining will be analyzed, and the basics of web page and web site design will be outlined. Students will also be introduced to modern information systems infrastructure such as telecommunications, networks, and information systems security. Knowledge of Excel or a similar spreadsheet tool.

0101	Hassan Ibrahim **Meets June 1, 2009 - July 12, 2009** MW 6:40pm - 10:00pm	Seats (Total: 40) VMH 1511

BMGT310 **Intermediate Accounting I**

BMGT310 Intermediate Accounting I; (3 credits) Grade Method: REG. *Prerequisite: BMGT221.* Comprehensive analysis of financial accounting topics related to financial statement preparation and external reporting.

0101	Kendrall Hardy	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:40pm - 10:00pm	VMH 1206

BMGT311 **Intermediate Accounting II**

BMGT311 Intermediate Accounting II; (3 credits) Grade Method: REG. *Prerequisite: BMGT310.* Continuation of BMGT310.

0101	Kendrall Hardy	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:20pm	VMH 1206

BMGT340 **Business Finance**

BMGT340 Business Finance; (3 credits) Grade Method: REG. *Prerequisites: BMGT221; and {BMGT230 or BMGT231}.* Topics include: the principles and practices involved in the organization, financing and rehabilitation of business enterprises; the various types of securities and their use in raising funds, apportioning income, risk and control; intercorporate relations; and new developments. Emphasis on solution of problems of financial policy faced by management.

0101	Elinda Kiss	Seats (Total: 43)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:40pm - 9:00pm	VMH 1520
0102	Elinda Kiss	Seats (Total: 43)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:00pm - 5:20pm	VMH 1520

BMGT343 **Investments**

BMGT343 Investments; (3 credits) Grade Method: REG.
Prerequisite: BMGT340. An introduction to financial investments. Topics include: securities and securities markets; investment risks, returns and constraints; portfolio policies; and institutional investment policies.

0101	Michael Lee	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	VMH 1206

BMGT345 **Fundamentals of Finance**

BMGT345 *(PermReq)* **Fundamentals of Finance; (3 credits)** Grade Method: REG. Topics covered include financial markets and institutions, cost of capital, capital budgeting, cash flows, valuing the firm, corporate governance, interest rates, risk and return, portfolios, stock and bond valuation, capital structure, and time value of money. Restricted to non-BMGT majors with 30 credit hours completed. This course does not count toward a degree in the Smith School of Business. Students taking BMGT345 must take BMGT355 concurrently. Credit will be granted for only one of the following courses: BMGT345 or BMGT340. This section is part of The Smith Business Edge program. Enrollment by permission only. Click here to access the Summer Programs website for further information.

0501	Susan White	Seats (Total: 50)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 9:30am - 12:30pm	VMH 1518
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

BMGT350 **Marketing Principles and Organization**

BMGT350 Marketing Principles and Organization; (3 credits) Grade Method: REG.
Prerequisite: ECON200 or ECON205. An introduction to the concepts and principles of marketing including the marketing of service and nonprofit organizations. Provides an overview of all the concepts in marketing including relationship marketing, product development, pricing, promotion, marketing research, consumer behavior, international marketing, distribution and internal marketing to employees.

0201	Roxanne Lefkoff	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:40pm - 10:00pm	VMH 1412

BMGT355 **Fundamentals of Marketing**

BMGT355 *(PermReq)* **Fundamentals of Marketing; (3 credits)** Grade Method: REG. Market segmentation and differentiation, pricing and demand, brand management, strategy and integrated marketing communications will be covered. An entire class will be devoted to using the internet strategically to create and grow a business or nonprofit organization. Students will also be able to apply their marketing knowledge strategically as they compete in teams in a marketing game simulation. Restricted to non-BMGT majors with 30 credit hours completed. This course does not count toward a degree in the Smith School of Business. Students taking BMGT355 must take BMGT345 concurrently. Credit will be granted for only one of the following courses: BMGT355 or BMGT350. This section is part of The Smith Business Edge program. Enrollment by permission only. Click here to access the Summer Programs website for further information.

0501	Mary Harms	Seats (Total: 50)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:30pm - 4:30pm	VMH 1518
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

BMGT357 **Retailing and Marketing Internship**

BMGT357 *(PermReq)* **Retailing and Marketing Internship; (3-6 credits)** Grade Method: REG.
Prerequisites: BMGT350 and permission of department. For BMGT majors only. Supervised work experience with a firm engaged in marketing goods or services. Students apply concepts learned in marketing classes and analyze the firm's organizational structure, environment and marketing strategy.

0201	Mary Harms	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BMGT360 **Human Resource Management**

BMGT360 Human Resource Management; (3 credits) Grade Method: REG.
The basic course in human resource management includes manpower planning, recruitment, selection, development, compensation and appraisal of employees. Explores the impact of scientific management and unionism on these functions.

0101	Nataliya Lorinkova **Meets June 1, 2009 - July 12, 2009** MW 3:00pm - 6:20pm	Seats (Total: 45) VMH 1418

BMGT364 **Management and Organization Theory**

BMGT364 Management and Organization Theory; (3 credits) Grade Method: REG.
The development of management and organization theory, nature of the management process and function and its future development. The role of the manager as an organizer and director, the communication process, goals and responsibilities.

0101	Nataliya Lorinkova **Meets June 1, 2009 - July 12, 2009** MW 6:40pm - 10:00pm	Seats (Total: 45) VMH 1412
0102	Suzanne Edinger **Meets June 1, 2009 - July 12, 2009** TuTh 3:00pm - 6:20pm	Seats (Total: 45) VMH 1411
0201	Payal Sharma **Meets July 13, 2009 - August 23, 2009** MW 3:00pm - 6:20pm	Seats (Total: 45) VMH 1202

BMGT373 **Supply Chain Management Internship**

BMGT373 *(PermReq)* **Supply Chain Management Internship; (3 credits)** Grade Method: REG.
Prerequisite: BMGT370 or BMGT372, and permission of department. Involves supervised work experience in supply chain management, logistics and/or transportation. Students will be expected to relate course material to work experience in an analysis of a firm's operations.

0201	Koray Ozpolat **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0201	William McClenahan	Seats (Total: 45)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:40pm - 10:00pm	VMH 1303

BMGT386 **General Business Internship**

BMGT386 *(PermReq)* **General Business Internship; (3 credits)** Grade Method: REG.
Prerequisite: permission of department. For BMGT majors only. Supervised work experience in business. Students will be expected to relate course material to work experience in an analysis of a firm's operations.

0101	Hugh Turner	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Hugh Turner	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BMGT392 **Introduction to International Business Management**

BMGT392 Introduction to International Business Management; (3 credits) Grade Method: REG.
Prerequisite: ECON200. A study of the domestic and foreign environmental factors affecting the international operations of U.S. business firms. The course also covers the administrative aspects of international marketing, finance and management.

01RB	Vinod Jain	Seats (Total: 40)
	Meets May 26, 2009 - May 30, 2009	
	TuWThFSa 8:45am - 5:00pm	DC C1
	This section taught in accelerated format. Class meetings held at Rober H. Smith School of Business Suite, Concourse Level, Ronald Reagan Building, Washington DC.This course is open to juniors and seniors from throughout the University of Maryland College Park.	

BMGT395 **Fundamentals of Management**

BMGT395 *(PermReq)* **Fundamentals of Management; (3 credits)** Grade Method: REG.

An overview of core management topics such as ethics, social responsibikresponsibility, globalization, entrepreneurship, strategic management, organizational structure, human resources, leadership, innovation, change, motivation, team development, and communications. Restricted to non-BMGT majors with 30 credit hours completed. This course does not count toward a degree in the Smith School of Business. Students taking BMGT395 must take BMGT215 concurrently. Credit will be granted for only one of the following courses: BMGT395 or BMGT364. This section is part of The Smith Business Edge program. Enrollment by permission only. Click here to access the Summer Programs website for further information.

0301	Jeff Miller	Seats (Total: 50)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:30pm - 4:30pm	VMH 1518

BMGT398 **Individual Study in Business and Management**

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT417 **Taxation of Corporations, Partnerships and Estates**

BMGT417 Taxation of Corporations, Partnerships and Estates; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BMGT221. Federal taxation of corporations using the life-cycle approach-formation, operation, assessment, merger, reorganization and liquidation. Overviews of pass-through entities - partnerships and s-corporations -using the life-cycle approach, and the tax consequences of wealth transfers by individuals - gift and estate taxation. Both tax planning and compliance issues are addressed.

0101	Eugene Cantor	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:40pm - 10:00pm	VMH 1412

BMGT422 **Auditing Theory and Practice**

BMGT422 Auditing Theory and Practice; (3 credits) Grade Method: REG.
Prerequisite: BMGT221. A study of the independent accountant's attest function, generally accepted auditing standards, compliance and substantive tests and report forms and opinions.

0101	Michael Lavine	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:40pm - 10:00pm	VMH 1303

BMGT445 **Banking and Financial Institutions**

BMGT445 Banking and Financial Institutions; (3 credits) Grade Method: REG.
Prerequisites: BMGT340. Recommended: ECON330. Analysis and discussion of cases and readings in commercial bank management. The loan function is emphasized; also the management of liquidity reserves, investments for income and source of funds. Bank objectives, functions, policies, organization, structure, services and regulation are considered.

0201	David Malmquist	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:40pm - 10:00pm	VMH 1303

BMGT447 **Internship and Research in Finance**

BMGT447 *(PermReq)* **Internship and Research in Finance; (3 credits)** Grade Method: REG.
Prerequisites: BMGT340 and BMGT343 (or 400 level finance elective); and core requirements in business and management; and permission of department. Recommended: finance major courses. For finance majors only. Supervised, sponsored internship in a corporation or financial institution. Analysis of approved research topic in corporate finance, investments or financial institutions/markets.

0201	Dalida Kadyrzhanova **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)

BMGT448D **Special Topics in Finance; Business and Culture**
Contact department for information to register for this course.

BMGT468D **Special Topics in Management and Organization; Business and Culture**
Contact department for information to register for this course.

BMGT495 **Business Policies**

BMGT495 Business Policies; (3 credits) Grade Method: REG. CORE Capstone (CS) Course.
Prerequisites: BMGT340; and BMGT350; and BMGT364. For BMGT majors only. A case study course where students apply what they have learned of general management principles and their specialized functional applications to the overall management function in the enterprise. This course is restricted to graduating BMGT majors with 90 credit hours completed.

0101	Yusuf Azizullah **Meets June 1, 2009 - July 12, 2009** MW 6:40pm - 10:00pm	Seats (Total: 35) VMH 1314
0201	R Livengood **Meets July 13, 2009 - August 23, 2009** TuTh 6:40pm - 10:00pm	Seats (Total: 35) VMH 1314
0202	R Livengood **Meets July 13, 2009 - August 23, 2009** MW 3:00pm - 6:20pm	Seats (Total: 35) VMH 1307

BMGT828 **Independent Study in Business and Management**

BMGT828 *(PermReq)* **Independent Study in Business and Management; (1-9 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
By permission only of the Graduate Director.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact Graduate Program Director to make arrangements.

Contact department for information to register for this course.

BSCI Biological Sciences Program Summer 2009

BSCI103 **The World of Biology**

BSCI103 The World of Biology; (4 credits) Grade Method: REG. CORE Life Science Lab (LL) Course.
Formerly: BIOL101 and BIOL102. An introduction to modern biology for the non-science major. Major themes include molecular biology, cell biology, evolution and organismal biology. Relevance of study of biology to modern human life will be emphasized. Course not acceptable toward degree in College of Chemical and Life Sciences. Students must pay a $40.00 laboratory materials fee.

0101	Lunching Sun	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 9:00am - 10:40am	MCB 1207	
	TuTh 11:00am - 1:50pm	HJP 1105	Lab

BSCI103M **The World of Biology**

BSCI103M *(PermReq)* **The World of Biology; (4 credits)** Grade Method: REG. CORE Life Science Lab (LL) Course.
Formerly: BIOL101 and BIOL102.

0101	Lunching Sun **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:00am - 10:20am	Seats (Total: 5) MCB 1207	

BSCI105 **Principles of Biology I**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

BSCI105 Principles of Biology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.

Prerequisite: Math eligibility of in MATH111 or higher. For science majors. Formerly BIOL105. Basic principles of biology with special emphasis on cellular and molecular biology. Students must pay a $40.00 laboratory materials fee.

0101	James Sniezek **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 8:00am - 11:00am	Seats (Total: 20) BPS 1250 HJP 1226	Lab
0102	James Sniezek **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 8:00am - 11:00am	Seats (Total: 20) BPS 1250 HJP 1236	Lab
0104	James Sniezek **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 1:00pm - 4:00pm	Seats (Total: 20) BPS 1250 HJP 1236	Lab
0105	James Sniezek **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 1:00pm - 4:00pm	Seats (Total: 20) BPS 1250 HJP 1235	Lab

0106	James Sniezek	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm TuTh 1:00pm - 4:00pm	BPS 1250 Location: TBA	Lab

BSCI105M **Principles of Biology I**

BSCI105M *(PermReq)* **Principles of Biology I; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: Math eligibility of in MATH111 or higher. For science majors. Formerly BIOL105.

0105	James Sniezek	Seats (Total: 10)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm	BPS 1250	

BSCI106 **Principles of Biology II**

BSCI106 Principles of Biology II; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: Math eligibility or MATH111 or higher. For science majors. Formerly BIOL106. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Students must pay a $40.00 laboratory materials fee.

0201	Marjorie Reaka	Seats (Total: 21)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 11:00am - 12:20pm TuTh 8:00am - 11:00am	PLS 1130 HJP 2104	Lab
0202	Marjorie Reaka	Seats (Total: 21)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 11:00am - 12:20pm TuTh 1:00pm - 4:00pm	PLS 1130 HJP 2104	Lab
0203	Marjorie Reaka	Seats (Total: 20)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 11:00am - 12:20pm TuTh 4:00pm - 7:00pm	PLS 1130 HJP 2104	Lab

BSCI106M **Principles of Biology II**

BSCI106M *(PermReq)* **Principles of Biology II; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: Math eligibility or MATH111 or higher. For science majors. Formerly BIOL106. Permission required

0202	Marjorie Reaka	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 11:00am - 12:20pm	PLS 1130

BSCI120 **Insects**

BSCI120 Insects; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Formerly ENTM100. A survey of the major groups of insects, their natural history, and their relationships with humans and their environment. Course not acceptable toward major requirements in the College of Chemical and Life Sciences.

0301	Hartmut Doebel	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:00am - 12:15pm	PLS 1111

BSCI124 **Plant Biology for Non-Science Students**

BSCI124 Plant Biology for Non-Science Students; (3 credits) Grade Method: REG/P-F/AUD.
CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 125. For non-science majors only. Not open to students who have completed BSCI105/BIOL105. Formerly PBIO100. A basic course in plant biology specifically designed for the non-science student. Emphasis is placed on an evolutionary and ecological approach to studying fundamental concepts and processes of plants, their place in the biosphere, the importance of plants to man, and the manner in which humans impact on plants and their environment. This course will not count toward graduation requirements for any student in the College of Chemistry and Life Sciences or the College of Agriculture and Natural Resources.

0101	Penelope Koines	Seats (Total: 90)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:40pm	HJP 2242

BSCI125 **Plant Biology Laboratory**

BSCI125 Plant Biology Laboratory; (1 credit) Grade Method: REG/P-F/AUD. *CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 124. Corequisite: 124. For non-science majors only. Not open to students who have completed BSCI105. Credit will be granted for only one of the following: BSCI105 or BSCI125. Formerly PBIO101.* An introduction to the biology of plants with emphasis on the processes by which plants function, the diversity of plants, and the importance of plants to humans. This course will not count toward graduation requirements for any student in the College of Chemistry and Life Sciences or the College of Agriculture and Natural Resources. CORE Lab Science. Students must pay a $40.00 laboratory materials fee.

0101	Edgar Moctezuma	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	TuTh 9:00am - 11:00am	HJP 3127	Lab

BSCI201 **Human Anatomy and Physiology I**

BSCI201 Human Anatomy and Physiology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: BSCI105 or equivalent. Formerly ZOOL201. Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems. Course not acceptable toward major requirements in the College of Chemistry and Life Sciences. Students must pay a $40.00 Laboratory Materials fee. (Sponsoring Department: BIOL.)

0101	Pamela Lanford	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:30am - 12:50pm TuWTh 8:30am - 11:30am	PLS 1140 BPS 0205	Lab
0102	Pamela Lanford	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:30am - 12:50pm TuWTh 1:00pm - 3:50pm	PLS 1140 BPS 0205	Lab

0103	Pamela Lanford **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:30am - 12:50pm TuWTh 4:00pm - 6:50pm	Seats (Total: 24) PLS 1140 BPS 0205	 Lab
0104	Pamela Lanford **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:30am - 12:50pm TuWTh 7:00pm - 9:50pm	Seats (Total: 24) PLS 1140 BPS 0201	 Lab

BSCI202 **Human Anatomy and Physiology II**

BSCI202 Human Anatomy and Physiology II; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201 or permission of department. Formerly ZOOL202. Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems. Course not acceptable toward major requirements in the College of Chemistry and Life Sciences. Students must pay a $40.00 Laboratory Materials fee. Sponsoring Department: BIOL.

0201	Tammatha O'Brien **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:30am - 12:50pm TuWTh 8:30am - 11:20am	Seats (Total: 24) PLS 1140 BPS 0205	 Lab
0202	Tammatha O'Brien **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:30am - 12:50pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PLS 1140 BPS 0205	 Lab
0203	Tammatha O'Brien **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:30am - 12:50pm TuWTh 4:00pm - 6:50pm	Seats (Total: 24) PLS 1140 BPS 0205	 Lab
0204	Tammatha O'Brien **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:30am - 12:50pm TuWTh 7:00pm - 9:50pm	Seats (Total: 24) PLS 1140 BPS 0205	 Lab

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {BSCI105 and BSCI106 and (CHEM131 and CHEM132)} or {BSCI105 and two semesters of chemistry}. Credit will be granted for only one of the following: BIOL222 or BSCI222. Formerly BIOL222.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	Thomas Stanton	Seats (Total: 30)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	BPS 1250	
	TuThF 11:00am - 1:00pm	BPS 1238	Discussion

BSCI223 **General Microbiology**

BSCI223 General Microbiology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: BSCI105. Credit will be granted for only one of the following: BSCI122 or BSCI223. Formerly MICB200. Fundamental concepts in morphology, physiology, genetics, immunology, ecology, and pathogenic microbiology. Applications of microbiology to medicine, the food industry and biotechnology. Students must pay a $40.00 laboratory materials fee.

0101	Sabrina Kramer	Seats (Total: 12)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1201	Lab
0102	Sabrina Kramer	Seats (Total: 12)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1205	Lab
0103	Sabrina Kramer	Seats (Total: 12)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1206	Lab

BSCI279 **Supplemental Study; Supplemental Study in Biology**

BSCI279 *(PermReq)* **Supplemental Study: Supplemental Study in Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
(Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI279E **Supplemental Study; Environmental Biology**

BSCI279E Supplemental Study: Environmental Biology; (3 credits) Grade Method: REG/P-F/AUD.
This Course will explore adaptation and natural selection; organismic, population, community, and ecosystem ecology; and human impact on natural systems

04YS	Peter Panyon	Seats (Total: 24)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:30am - 12:00pm	ANS 0408	
	TuTh 2:00pm - 4:30pm	HJP 1105	Discussion
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.		

BSCI279F **Supplemental Study; HIV in Western Europe**
Contact department for information to register for this course.

BSCI279G **Supplemental Study; HIV in Western Europe**
Contact department for information to register for this course.

BSCI279L **Supplemental Study**

BSCI279L Supplemental Study; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Michael Keller	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

BSCI279N **Supplemental Study**

BSCI279N Supplemental Study; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Hans Lemke	Seats (Total: 5)	
	Meets July 13, 2009 - August 23, 2009		
	Contact instructor or department for details.		

BSCI289 **Off-Campus Internship**

BSCI289 *(PermReq)* **Off-Campus Internship; (1-3 credits)** Grade Method: S-F.

0101	Katerina Thompson	Seats (Total: 50)	
	Meets June 1, 2009 - July 12, 2009		
	Contact instructor or department for details.		
0201	Katerina Thompson	Seats (Total: 50)	
	Meets July 13, 2009 - August 23, 2009		
	Contact instructor or department for details.		

BSCI330 **Cell Biology and Physiology**

BSCI330 Cell Biology and Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: grade of C (2.0) or better in {BSCI105 and (CHEM131 and CHEM132)}. Not open to students who have completed BSCI230. Credit will be granted for only one of the following: BSCI230 or BSCI330. Formerly BSCI230.* Biochemical and physiological mechanisms underlying cellular function. Properties of cells which make life possible and mechanisms by which cells provide energy, reproduce, and regulate and integrate with each other and their environment.

0101	Beth Parent	Seats (Total: 20)		
	Meets June 1, 2009 - July 12, 2009			
	MTuWTh 11:30am - 1:10pm TuWTh 8:30am - 11:30am	BPS 1243 BPS 0207	Lab	
0103	Beth Parent	Seats (Total: 20)		
	Meets June 1, 2009 - July 12, 2009			
	MTuWTh 11:30am - 1:10pm TuWTh 1:30pm - 4:30pm	BPS 1243 BPS 0207	Lab	

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z *(PermReq)* **Special Topics in Biology: Field Research; (1-4 credits)**
Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0102	Thomas Stanton **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)
0202	Thomas Stanton **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

BSCI342 **Biology of Reproduction**

BSCI342 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI105 or permission of department. Also offered as WMST326. Credit will be granted for only one of the following: BSCI342 or WMST326. Formerly ZOOL326.* The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior, and menopause.

0101	Justicia Opoku-Edusei **Meets June 1, 2009 - July 12, 2009** MTuWThF 12:00pm - 1:20pm	Seats (Total: 50) BPS 0283

BSCI348C **Special Topics in Cell Biology and Molecular Genetics; Traditional Chinese Medicine: An In-Country Experience**
Contact department for information to register for this course.

BSCI348R **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits) Grade Method: REG/P-F/AUD.
Microbiology Internship. Opportunity for students to perform research, relating to microbiology in an off-campus laboratory. Permission of Instructor required. 3 credits applicable to MICB specialization area.

0101	Ann Smith **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 20)
0201	David Straney **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)

BSCI379G **Cell Biology and Molecular Genetics Department Research; Research in Cell Biology, Molecular Biology and Genetics.**

BSCI379G *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Cell Biology, Molecular Biology and Genetics.; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI379H **Cell Biology and Molecular Genetics Department Honors Research**

BSCI379H *(PermReq)* **Cell Biology and Molecular Genetics Department Honors Research; (1-3 credits)** Grade Method: REG.
Prerequisite: admission to departmental honors program. Repeatable to 8 credits if content differs. Formerly MICB379. Student should consult program guidelines.
Research project carried out under guidance of faculty advisor.

0101	Steven Hutcheson **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 30)
0201	Steven Hutcheson **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 30)

BSCI379M **Cell Biology and Molecular Genetics Department Research; Research in Microbiology**

BSCI379M *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Microbiology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI379P **Cell Biology and Molecular Genetics Department Research; Research in Plant Biology**

BSCI379P *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Plant Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI389 **Entomology Department Research**

BSCI389 *(PermReq)* **Entomology Department Research; (1-2 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI399 **Biology Department Research**

BSCI399 *(PermReq)* **Biology Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Jeffrey Jensen	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

0201	Jeffrey Jensen	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BSCI399H **Biology Department Honors Research**

BSCI399H *(PermReq)* **Biology Department Honors Research; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: participation in the Biology Department Honors Program. Repeatable to 8 credits if content differs. Formerly ZOOL318H. A laboratory research problem; required each semester during honors participation and culminating in an honors thesis. (Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI414 **Recombinant DNA Laboratory**

BSCI414 Recombinant DNA Laboratory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI222. Formerly MICB453. An advanced course offering hands-on experience in performing recombinant DNA experiments. All current molecular biology techniques used for cloning prokaryotic genes, analyzing the gene products, and modifying the genes will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.

0201	Byrn Quimby	Seats (Total: 18)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:00am - 12:00pm	MCB 1143	Lab

BSCI433 **Biology of Cancer**

BSCI433 Biology of Cancer; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI230 or BSCI330; and BSCI222; or permission of department. Formerly ZOOL416. Causes and consequences of neoplastic transformations at the biochemical and cellular levels.

0401	Ibrahim Ades	Seats (Total: 30)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:00am - 11:30am	PLS 1140	

BSCI440 **Mammalian Physiology**

BSCI440 Mammalian Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI230 or BSCI330; and CHEM233; or permission of department. Formerly ZOOL422.* A study of the cardiovascular, hemopoietic, gastrointestinal, renal and respiratory systems. Chemical and endocrine regulation of physiological functions in mammals. Course does not count as an upper level lab for BIOL majors (see BSCI441).

0101	William Higgins	Seats (Total: 50)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 9:00am - 10:45am	BPS 1243	
	MTuWTh 11:00am - 12:45pm	CHE 2118	Discussion

BSCI447 **General Endocrinology**

BSCI447 General Endocrinology; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI230 or BSCI330; and CHEM233; and CHEM243. Formerly ZOOL426.* Functions and the functioning of the endocrine glands of animals with special reference to the vertebrates.

0201	Tammatha O'Brien	Seats (Total: 50)	
	Meets July 13, 2009 - August 23, 2009		
	MW 6:00pm - 9:20pm	PLS 1146	

BSOS Behavioral and Social Sciences Summer 2009

BSOS288I **Special Topics in Behavioral and Social Sciences; Social Science Internship Practicum**

BSOS288I *(PermReq)* **Special Topics in Behavioral and Social Sciences: Social Science Internship Practicum; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Sue Briggs	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Sue Briggs	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BSOS302 **Civicus Capstone**

BSOS302 *(PermReq)* **Civicus Capstone; (3 credits)** Grade Method: REG.
Prerequisite: BSOS301. Sophomore standing. Capstone course required for CIVICUS citation. Supervised internship, community service, or research project on civil society topic. Application and continued study of skills and concepts, grounded in the social sciences, relevant to understanding and effectively dealing with contemporary social issues.

0201	Sue Briggs	Seats (Total: 3)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BSOS386 **Experiential Learning**

BSOS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

BSOS388I **Behavioral and Social Sciences Special Topics; Internship Practicum in the Social Sciences**

BSOS388I *(PermReq)* **Behavioral and Social Sciences Special Topics: Internship Practicum in the Social Sciences; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Sue Briggs	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Sue Briggs	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BSOS388J **Behavioral and Social Sciences Special Topics; Psychology of Terrorism**

BSOS388J Behavioral and Social Sciences Special Topics: Psychology of Terrorism; (3 credits) Grade Method: REG/P-F/AUD.

Did you ever wonder what would make someone join a terrorist organization? Why would someone kill themselves and others in the process? Why would an organization endorse such brutality? If you have wondered about these questions, then this is the right class for you. This class will focus on the current literature in the field of terrorism that helps understand why individuals might choose to belong to terrorist organizations, what keeps them attracted to such groups and why they would sacrifice their own life for a cause. From the organizational level, we will explore why an organization might make a strategic choice to use terror and what benefits that may confer upon their organization. This class will be taught online but will involve discussion, projects and lots of student participation.

0401	Shira Fishman	Seats (Total: 30)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 10:00am - 12:30pm	ONLINE

BSOS388Q **Behavioral and Social Sciences Special Topics; Cesar Directed Study**
Contact department for information to register for this course.

BSOS388T **Behavioral and Social Sciences Special Topics; The Evolution of Hizballah**

BSOS388T Behavioral and Social Sciences Special Topics: The Evolution of Hizballah; (3 credits) Grade Method: REG/P-F/AUD.

0301	Brian King	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 4:30pm - 7:00pm	SKN 1115

BSOS388V **Behavioral and Social Sciences Special Topics; Directed Research- African American Studies**

BSOS388V Behavioral and Social Sciences Special Topics: Directed Research-African American Studies; (3 credits) Grade Method: REG/P-F/AUD.

0201	Valencia Skeeter	Seats (Total: 2)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BSOS601 **LEAD Seminar 1: The Graduate Student**

BSOS601 LEAD Seminar 1: The Graduate Student; (2 credits) Grade Method: REG.

Prerequisite: Approved member of LEAD Cohort. This is an introductory course to the LEAD program, the graduate school and the University of Maryland. It provides orientation to graduate school and a fundamental foundation to the social sciences and the tools necessary to succeed, through lectures, guest speakers and discussion.

0101	Darlene Iskra	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MW 9:00am - 11:10am	JRN 1104

BSOS602 **LEAD Seminar 2: The Midshipman as College Student**

BSOS602 LEAD Seminar 2: The Midshipman as College Student; (2 credits) Grade Method: REG.

Prerequisite: BSOS601 and approved member of LEAD Cohort. This seminar provided information on issues and challenges faced by college students, such as eating disorders, sexual harassment and assault, and alcohol abuse, adresses how these same issues affect midshipmen at the Naval Academy, and provides information on resources available to address the issues. This course will meet at the USNA. LEAD students only.

0201	Darlene Iskra	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 11:30am	Location: TBA

BSOS608 **LEAD Professional Seminar**

BSOS608 LEAD Professional Seminar; (1 credit) Grade Method: REG/AUD.

0201	Darlene Iskra	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

BUAC Accounting and Information Assurance — Summer 2009

BUAC711 **Financial Planning and Control Systems for Managers and Consultants**

BUAC711 Financial Planning and Control Systems for Managers and Consultants; (3 credits) Grade Method: REG.
Prerequisites: BUSI 611, BUSI 630 and BUSI 681; or permission of department. For BMGT majors only. Credit will be granted for only one of the following: BMGT 711 and BUAC 711. Formerly BMGT711. This course provides an analysis of several topics concerning financial planning/control systems (management accounting systems). Topics covered: design and use of cost management systems (including activity based costing systems), financial performance measures for enhancing firm value, managerial incentive contracts and accounting data, management accounting and Internet-based transactions, managing earnings and financial ratios, use of balanced scorecard to evaluate financial/nonfinancial managerial performance, management accounting systems and competitor analysis, behavioral aspects of budgeting, post-auditing of capital investments, accounting/economics aspects of information security, and transfer pricing.

02DC	Thomas Vermeer **Meets July 13, 2009 - August 20, 2009** TuTh 6:40pm - 10:00pm	Seats (Total: 40) DC C3

BUAC743 **Financial Statement Analysis**

BUAC743 Financial Statement Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI610. For Majors only or permission of department. Provides students with the tools to conduct a financial statement analysis, which is part of an overall business analysis. This involves understanding and using the information that financial statements are communicating to users.

01BA	Gary Bulmash **Meets June 1, 2009 - July 23, 2009** Th 6:25pm - 10:00pm	Seats (Total: 35) BA 150
01GS	Gary Bulmash **Meets June 1, 2009 - July 23, 2009** Tu 6:25pm - 10:00pm	Seats (Total: 35) SG3 3220

BUAC758B **Special Topics in Accounting and Information Assurance; Tax Considerations for Strategic Management Decisions**

BUAC758B Special Topics in Accounting and Information Assurance: Tax Considerations for Strategic Management Decisions; (2 credits) Grade Method: REG.

01DC	Eugene Cantor	Seats (Total: 35)
	Meets June 1, 2009 - July 23, 2009	
	M 6:25pm - 10:00pm	DC C2

BUAC758G **Special Topics in Accounting and Information Assurance; Forensic Accounting**

BUAC758G Special Topics in Accounting and Information Assurance: Forensic Accounting; (3 credits) Grade Method: REG.

01G6	Ariel Ramirez	Seats (Total: 37)
	Meets May 30, 2009 - June 27, 2009	
	Sa 8:00am - 4:30pm	SG3 3241
	Meets 5/30, 6/6, 6/13, 6/20, 6/27.	

BUAC759 **Independent Study in Accounting and Information Assurance**

BUAC759 *(PermReq)* **Independent Study in Accounting and Information Assurance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUDT Decision and Information Technologies — Summer 2009

BUDT758I **Special Topics in Decision and Information Technologies; Financial Information Systems**

BUDT758I Special Topics in Decision and Information Technologies: Financial Information Systems; (2 credits) Grade Method: REG/AUD.
Students are introduced to the types and varieties of financial information and transaction processing systems used by financial services firms and financial institutions in government. These systems are considered from a business executive's perspective and does not delve into the technical details. Additionally, the issues of retention, security and confidentiality of financial information and transaction processing systems, and how these issues are dealt with by businesses, government, and through government regulation are considered. Books, business school cases and recent and historically significant articles from financial industry publications are utilized.

02GS	Barnet Corwin	Seats (Total: 35)
	Meets July 27, 2009 - August 20, 2009	
	TuTh 6:25pm - 10:00pm	SG3 4206

BUDT758R **Special Topics in Decision and Information Technologies; Operations and Supply Chain Strategy**

BUDT758R Special Topics in Decision and Information Technologies: Operations and Supply Chain Strategy; (2 credits) Grade Method: REG/AUD.

02BA	Manu Goyal	Seats (Total: 35)
	Meets July 27, 2009 - August 20, 2009	
	TuTh 6:25pm - 10:00pm	BA 304
02DC	Manu Goyal	Seats (Total: 35)
	Meets July 27, 2009 - August 20, 2009	
	MW 6:25pm - 10:00pm	DC C2

BUDT759 **Independent Study in Decision and Information Technologies**

BUDT759 *(PermReq)* **Independent Study in Decision and Information Technologies; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN Finance Summer 2009

BUFN758A **Special Topics in Finance; Applied Equity Analysis**

BUFN758A Special Topics in Finance: Applied Equity Analysis; (2 credits) Grade Method: REG.

01BA	Joseph Perfetti **Meets June 1, 2009 - July 23, 2009** Tu 6:25pm - 10:00pm	Seats (Total: 35) BA 150
01DC	Joseph Perfetti **Meets June 1, 2009 - July 23, 2009** M 6:25pm - 10:00pm	Seats (Total: 35) DC C3

BUFN758B **Special Topics in Finance; Valuation in Corporate Finance.**

BUFN758B Special Topics in Finance: Valuation in Corporate Finance.; (2 credits) Grade Method: REG.

01D6	Mark Taranto **Meets May 30, 2009 - July 18, 2009** Sa 1:40pm - 5:50pm *Meets 5/30, 6/6, 6/20, 6/27, 7/11, 7/18.*	Seats (Total: 35) DC C4

BUFN758D **Special Topics in Finance; Derivatives Securities**

BUFN758D Special Topics in Finance: Derivatives Securities; (2 credits) Grade Method: REG.

02D6	Louis Gattis **Meets July 25, 2009 - August 8, 2009** SaSu 9:00am - 2:00pm *Meets Saturday and Sunday 7/25, 7/26, 8/1, 8/2, 8/8.*	Seats (Total: 35) DC C4

BUFN758E **Special Topics in Finance; Fixed Income Analysis**

BUFN758E Special Topics in Finance: Fixed Income Analysis; (2 credits) Grade Method: REG.

02DC	Mark Taranto **Meets July 27, 2009 - August 20, 2009** MW 6:25pm - 10:00pm	Seats (Total: 35) DC C4

02GS	Mark Taranto **Meets July 27, 2009 - August 20, 2009** TuTh 6:25pm - 10:00pm	Seats (Total: 35) SG3 4212

BUFN758J **Special Topics in Finance; Portfolio Management**

BUFN758J Special Topics in Finance: Portfolio Management; (2 credits) Grade Method: REG.

01D6	Michael Lee **Meets May 30, 2009 - July 23, 2009** Sa 8:40am - 12:50pm *Meets 5/30, 6/6, 6/20, 6/27, 7/11, and 7/18.*	Seats (Total: 35) DC C4
01GS	Michael Lee **Meets June 1, 2009 - July 23, 2009** Tu 6:25pm - 10:00pm	Seats (Total: 35) SG3 3240

BUFN758L **Special Topics in Finance; International Investments**

BUFN758L Special Topics in Finance: International Investments; (2 credits) Grade Method: REG.

02DC	Michael Lee **Meets July 27, 2009 - August 20, 2009** MW 6:25pm - 10:00pm	Seats (Total: 35) DC C5
02GS	Michael Lee **Meets July 27, 2009 - August 20, 2009** TuTh 6:25pm - 10:00pm	Seats (Total: 35) SG3 4215

BUFN759 **Independent Study in Finance**

BUFN759 *(PermReq)* **Independent Study in Finance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BULM Logistics, Business, and Public Policy — Summer 2009

BULM758M **Special Topics in Logistics, Business and Public Policy; Emerging Economies, Government Policies, and International Trade**

BULM758M Special Topics in Logistics, Business and Public Policy: Emerging Economies, Government Policies, and International Trade; (2 credits) Grade Method: REG.

02BA	Jahangir Boroumand	Seats (Total: 35)
	Meets July 25, 2009 - August 8, 2009	
	Sa 8:30am - 6:30pm	BA 304
	Meets 7/25, 8/1, 8/8.	

BULM759 **Independent Study in Logistics Management**

BULM759 *(PermReq)* **Independent Study in Logistics Management; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMK Marketing — Summer 2009

BUMK701 **Marketing Research Methods**

BUMK701 Marketing Research Methods; (2 credits) Grade Method: REG. *Cannot be repeated for 3 credits.. Prerequisites: BUSI 630 and BUSI 650. Credit will be granted for only one of the following: BMGT 752 or BUMK 701. Formerly BMGT752.* The process of acquiring, classifying and interpreting primary and secondary marketing data needed for intelligent, profitable marketing decisions. Evaluation of the appropriateness of alternative methodologies, such as the inductive, deductive, survey, observational, and experimental. Recent developments in the systematic recording and use of internal and external data needed for marketing decisions.

01BA	David Ashley	Seats (Total: 35)
	Meets June 1, 2009 - July 23, 2009	
	Tu 6:25pm - 10:00pm	BA 304

BUMK716 **Brand Management**

BUMK716 Brand Management; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. For Majors only or permission of department. Brand names are valuable assets for firms. Effective brand management is critical to maintaining the long-term profitability of products and services. Topics include understanding brands from the customer's perspective, building brand equity, measuring brand equity, leveraging brand equity, managing brand portfolios and managing brands over time.

01GS	Rebecca Hamilton	Seats (Total: 35)
	Meets June 1, 2009 - July 23, 2009	
	Th 6:25pm - 10:00pm	SG3 3219

BUMK717 **Integrated Marketing Communications**

BUMK717 Integrated Marketing Communications; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. For Majors only or permission of department. Marketing communications are a complex but critical component of marketing strategy. Topics include communication tools: advertising, sales promotions, corporation communications, one-on-one or direct marketing, public relations, internet communications, sponsorship/events marketing, and marketing communcation plans: defining objectives, implementing the plan, and measuring communications effectiveness. Achieving integration in the content, look, and feel of all marketing communications is stressed.

02D6	Roger Conner	Seats (Total: 35)
	Meets July 25, 2009 - August 15, 2009	
	Sa 8:30am - 3:15pm	DC C5
	Meets 7/25, 8/1, 8/8, 8/15.	

BUMK721 **Consumer Product Marketing Simulation**

BUMK721 Consumer Product Marketing Simulation; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. For Majors Only. The objective of the simulation is to place the student in the role of Brand Manager and give hands-on experience making the marketing decisions for an over-the-counter pharmaceutical product. In essence, PharmaSim is a flight simulator for brand managers.

01D6	Diane Whitney	Seats (Total: 35)
	Meets May 31, 2009 - July 18, 2009	
	SaSu 8:40am - 12:50pm	DC C5
	Meets Sunday 5/31 and Saturdays 6/6, 6/20, 6/27, 7/11, 7/18.	

BUMK736 **Service Marketing**

BUMK736 Service Marketing; (2 credits) Grade Method: REG.
Cannot be repeated for 3 credits. Prerequisite: BUSI 650. Examines special challenges service marketing poses for managers because of the intangible, heterogeneous nature of the product, and the critical role of customer contact employees in service delivery. Strategies for meeting these challanges are addressed. Topics include 1) customer relationship management, 2) the design and execution of the service delivery process, 3) the development and implementation of employee customer service skills, 4) the measurement and management of critical outcome variables, such as customer satisfaction, customer equity, and customer lifetime value, and 5) the role of emerging technology in customer service.

02BA	Philippe Duverger	Seats (Total: 35)
	Meets July 27, 2009 - August 19, 2009	
	MW 6:25pm - 10:00pm	BA 304

BUMK753 **Global Marketing**

BUMK753 Global Marketing; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. Cannot be repeated for 3 credits. Credit will be granted for only one of the following: BMGT 753 or BUMK 753. Formerly BMGT753. The environmental, organizational, and financial aspects of global marketing are covered. It also describes the special marketing research, pricing, channels of distribution, product policy, and communication issues which face U.S. firms doing business in global markets.

01DC	Simon Bensimon	Seats (Total: 35)
	Meets June 1, 2009 - July 23, 2009	
	W 6:25pm - 10:00pm	DC C3

BUMK757 **Marketing Strategy**

BUMK757 Marketing Strategy; (2 credits) Grade Method: REG.
Cannot be repeated for 3 credits. Prerequisite: BUSI 650. Credit will be granted for only one of the following: BMGT 757 or BUMK 757. Formerly BMGT757. A capstone marketing course. Marketing strategies designed to manage products in selected market segments. Topics covered include competitor analysis, buyer analysis, market segments, and product strengths and weaknesses; product related issues are identified and marketing strategies developed, assessed and implemented.

02DC	Roxanne Lefkoff	Seats (Total: 35)
	Meets July 28, 2009 - August 20, 2009	
	MW 6:25pm - 10:00pm	DC C3

BUMK758A **Special Topics in Marketing; Customer Relationship Marketing**

BUMK758A Special Topics in Marketing: Customer Relationship Marketing; (2 credits) Grade Method: REG.
Non-majors should review their registration eligibility in the statement preceding the BUMK courses.

02GS	Pallassana Kannan	Seats (Total: 35)
	Meets July 25, 2009 - August 1, 2009	
	SaSu 8:30am - 6:30pm	SG3 3202
	Meets 7/25, 7/26, 8/1.	

BUMK759 **Independent Study in Marketing**

BUMK759 *(PermReq)* **Independent Study in Marketing; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Summer 2009

BUMO712 **Leadership Development**

BUMO712 Leadership Development; (3 credits) Grade Method: REG.
Prerequisite: BUSI662. For BMGT majors only. Focuses on developing skills to inspire, influence and organize others to accomplish key goals. Building on leadership theories, course includes assessment & role-playing activities, discussions, cases, and exercises to assess and develop personal capabilities.

01BA	Carol Graser **Meets June 1, 2009 - July 9, 2009** MW 6:40pm - 10:00pm	Seats (Total: 40) BA 150
01D6	Sandra Stewart **Meets May 30, 2009 - July 18, 2009** Sa 8:30am - 3:00pm *This section meets 5/30, 6/6, 6/20, 6/27, 7/11, 7/18.*	Seats (Total: 40) DC C2

BUMO714 **Executive Power and Negotiation**

Any remaining seats in BUMO courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUMO course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMAB School of Nursing.

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUMO714 Executive Power and Negotiation; (3 credits) Grade Method: REG. *Credit will be granted for only one of the following: BMGT 764 or BUMO 714. Formerly BMGT764.* Negotiations knowledge and skills through a series of readings (the use of power during bargaining exchanges, principles of effective listening, and bargaining strategies and tactics) and through the opportunity to practice negotiating. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

01DC	Gosia Langa **Meets June 1, 2009 - July 9, 2009** TuTh 6:40pm - 10:00pm	Seats (Total: 40) DC C2

01GS	Gosia Langa **Meets June 1, 2009 - July 9, 2009** MW 6:40pm - 10:00pm	Seats (Total: 40) SG3 3220
02D6	Joyce Russell **Meets July 25, 2009 - August 22, 2009** Sa 9:00am - 5:30pm *Meets 7/25, 8/1, 8/8, 8/15, 8/22.*	Seats (Total: 40) DC C3

BUMO720 **Organizational Change**

BUMO720 Organizational Change; (3 credits) Grade Method: REG.
Prerequisite: BUSI 662. For BMGT majors only. Develops the fundamental change knowledge and skills of MBA students who plan to work with organizations as change agents, whether internally as managerial employees or externally as outside consultants. Draws on literatures from organizational behavior, human resource management and strategic management to identify models as prescriptions of change.

01DC	James Spina **Meets June 1, 2009 - July 9, 2009** TuTh 6:40pm - 10:00pm	Seats (Total: 40) DC C3

BUMO732 **New Venture Creation**

BUMO732 New Venture Creation; (3 credits) Grade Method: REG.
Prerequisite: completion of MBA core requirements or permission of department. Credit will be granted for only one of the following: BMGT 780 or BUMO 732. Formerly BMGT780. Creating new ventures, including evaluating the entrepreneurial team, the opportunity and financing requirements. Skills, concepts, attitudes and know-how relevant for creating and building a venture; and preparation of a business plan. These approaches are not limited to new or growing enterprises. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

02GS	Oliver Schlake **Meets July 13, 2009 - August 20, 2009** MW 6:40pm - 10:00pm	Seats (Total: 40) SG3 3202

BUMO751 **Implementing Strategy: Organizing to Compete**

BUMO751 Implementing Strategy: Organizing to Compete; (3 credits) Grade Method: REG.
Prerequisite: completion of the MBA core requirements or permission of department. Corequisite: BUSI 690. Credit will be granted for only one of the following: BMGT 767 or BUMO 751. Formerly BMGT767. Organizational dynamics of competitive advantage. Impact of alternative organizational structures, planning and control systems, human resource management practices, and executive leadership styles on the implementation of archetypically different strategies. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

01DC	Yusuf Azizullah	Seats (Total: 40)
	Meets June 1, 2009 - July 9, 2009	
	TuTh 6:40pm - 10:00pm	DC C4

BUMO752 **Strategic Growth for Emerging Companies**

BUMO752 Strategic Growth for Emerging Companies; (3 credits) Grade Method: REG.
For MBA majors only. Credit will be granted for only one of the following: BMGT 791 and BUMO 752. Formerly BMGT791. Explores the key elements of mastering the move from being a successful small company to achieving industry significance. Supplemented by readings, video and guest speakers, the course highlights the application of practical lessons leading to strategic growth and subsequentemergence as a player.

01D6	Kenneth Gabriel	Seats (Total: 40)
	Meets May 30, 2009 - June 27, 2009	
	Sa 8:30am - 6:30pm	DC C3
	Meets 5/30, 6/6, 6/13, and 6/27.	

BUMO758G **Special Topics in Management and Organization; Innovation Management**

BUMO758G Special Topics in Management and Organization: Innovation Management; (2 credits) Grade Method: REG.

02BA	Paulo Prochno	Seats (Total: 35)
	Meets July 27, 2009 - August 20, 2009	
	TuTh 6:25pm - 10:00pm	BA 150

BUMO758L **Special Topics in Management and Organization; Leadership and Human Capital**

BUMO758L Special Topics in Management and Organization: Leadership and Human Capital; (3 credits) Grade Method: REG.

02G6	Karen Wouters	Seats (Total: 37)
	Meets July 17, 2009 - August 22, 2009	
	Sa 8:00am - 4:30pm	SG3 4202
	This course meets 7/18, 7/25, 8/1, 8/8, 8/15, Final 8/22.	

BUMO759 **Independent Study in Management and Organization**

BUMO759 *(PermReq)* **Independent Study in Management and Organization; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI Part-Time MBA Program Summer 2009

BUSI611 **Managerial Accounting**

Any remaining seats in BUSI courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUSI course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMAB School of Nursing.

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUSI611 *(PermReq)* **Managerial Accounting; (2 credits)** Grade Method: REG. *Prerequisite: BMGT 610. For BMGT majors only. Credit will be granted for only one of the following: BMGT 611 or BUSI 611. Formerly BMGT611.* Use of accounting data in corporate planning and control. Cost-volume- profit analysis, budgeting, pricing decisions and cost data, transfer pricing, activity-based management, performance measures, and standard costing. Non-majors should review their registration eligibility in the statement preceding the BUSI courses. (Except: BUSI 611 Section 01D6, please see notes under section 01D6).

01BA	Michael Finch **Meets June 1, 2009 - July 23, 2009** Tu 6:25pm - 10:00pm	Seats (Total: 0) BA 106
01D1	Michael Finch **Meets June 1, 2009 - July 23, 2009** W 6:25pm - 10:00pm	Seats (Total: 0) DC C1
01D2	Michael Finch **Meets June 1, 2009 - July 23, 2009** Th 6:25pm - 10:00pm	Seats (Total: 0) DC C1
01D6	Thomas Vermeer **Meets June 6, 2009 - August 15, 2009** Sa 8:45am - 1:00pm	Seats (Total: 0) Location: TBA

01GS	Michael Finch	Seats (Total: 0)
	Meets June 1, 2009 - July 23, 2009	
	M 6:25pm - 10:00pm	SG3 3241

BUSI634 **Operations Management**

BUSI634 *(PermReq)* **Operations Management; (2 credits)** Grade Method: REG. *For majors only or permission of department.* Operations management is concerned with efficient and effective design and operation of business processes for delivering products and/or services. Emphasis is given to process analysis and design, capacity management and bottlenecks, waiting lines and the impact of uncertainty in process performance, quality management, lean, six-sigma, and revenue management.

01D6	Bellur Srikar	Seats (Total: 0)
	Meets June 6, 2009 - August 15, 2009	
	Sa 2:00pm - 6:15pm	DC C1

BUSI650 **Marketing Management**

BUSI650 *(PermReq)* **Marketing Management; (2 credits)** Grade Method: REG/AUD. *For BMGT majors only. Credit will be granted for only one of the following: BMGT 650 or BUSI 650. Formerly BMGT650.* Analysis of marketing problems and evaluation of specific marketing efforts regarding the organization's products and services, pricing activities, channel selection, and promotion strategies in both domestic and international markets.

01G4	Janet Wagner	Seats (Total: 0)
	Meets June 2, 2009 - July 18, 2009	
	Sa 1:30pm - 5:50pm	SG3 4230
	Tu 6:00pm - 10:00pm	SG3 4230
	Meets 6/2, 6/13, 6/16, 6/27, 6/30, 7/14, Final 7/18.	

BUSI683 **The Global Economic Environment**

BUSI683 *(PermReq)* **The Global Economic Environment; (2 credits)** Grade Method: REG.
For BMGT majors only. Credit will be granted for only one of the following: BMGT 683 or BUSI 683. Formerly BMGT683. Relationship between national and international economic environments. Determinants of output, interest rates, prices and exchange rates. Analysis of effect of economic policies (fiscal, monetary, trade, tax) on the firm and the economy. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

01B4	Jahangir Boroumand	Seats (Total: 0)
	Meets June 3, 2009 - July 15, 2009	
	W 6:00pm - 10:00pm	BA 106
	Sa 1:30pm - 5:30pm	BA 106
	Meets 6/3, 6/6, 6/17, 6/20, 7/1, 7/11, Final 7/15	
01BA	Charles Olson	Seats (Total: 0)
	Meets June 1, 2009 - July 23, 2009	
	Th 6:25pm - 10:00pm	BA 304
01D1	Cristian Dezso	Seats (Total: 0)
	Meets June 1, 2009 - July 23, 2009	
	M 6:25pm - 10:00pm	DC C1
01D2	Cristian Dezso	Seats (Total: 0)
	Meets June 1, 2009 - July 23, 2009	
	Tu 6:25pm - 10:00pm	DC C1
01GS	Charles Olson	Seats (Total: 0)
	Meets June 1, 2009 - July 23, 2009	
	W 6:25pm - 10:00pm	SGI 220

BUSI690 **Strategic Management**

BUSI690 *(PermReq)* **Strategic Management; (2 credits)** Grade Method: REG. *Prerequisites: BMGT 620, BMGT 640, BMGT 650, BMGT 681 and BMGT 683. For BMGT majors only. Credit will be granted for only one of the following: BMGT 690 or BUSI 690. Formerly BMGT690.* Integrative strategic management focusing on strategy formulation and implementation in domestic and global settings. Industry and competitor analysis, industry and firm value chain, leadership, goal setting, organizational structure and culture. Case study approach to top management and organizational problems.

01B4	Vinod Jain	Seats (Total: 0)
	Meets June 6, 2009 - July 11, 2009	
	W 6:00pm - 10:00pm	BA 304
	Sa 8:30am - 12:50pm	BA 304
	This section meets 6/6, 6/10, 6/20, 6/24, 7/8, 7/11.	
01G4	Judith Gebhardt	Seats (Total: 0)
	Meets June 6, 2009 - July 18, 2009	
	Tu 6:00pm - 10:00pm	SG3 4230
	Sa 8:30am - 12:50pm	SG3 4230
	This section meets 6/9, 6/13, 6/23, 6/27, 7/7, 7/18.	

BUSI759 **Independent Study in Business**

BUSI759 *(PermReq)* **Independent Study in Business; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI761 **The Environment of International Business**

BUSI761 The Environment of International Business; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: BMGT 794 or BUSI 761. Formerly BMGT794. The international business environment as it affects company policy and procedures. In-depth analysis and comprehensive case studies of the business functions undertaken in international operations. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

02D6	Peter Morici	Seats (Total: 40)
	Meets July 25, 2009 - August 16, 2009	
	SaSu 8:30am - 6:30pm	DC C6
	Meets 7/25, 7/26, 8/15, 8/16.	

BUSI764 **Business Law for Managers**

BUSI764 Business Law for Managers; (2 credits) Grade Method: REG.
For majors only or permission of department. Credit will be granted for only one of the following: BMGT793 or BUSI764. Formerly BMGT793. Survey of United States legal institutions and processes as well as substantive areas of the law that affect business. Examination of tort and contract law, the legal forms of business organization and legal liability and major regulatory laws that affect business.

02DC	William McClenahan	Seats (Total: 35)
	Meets July 27, 2009 - August 20, 2009	
	MW 6:25pm - 10:00pm	DC C2

BUSI771 **New Venture Financing**

BUSI771 New Venture Financing; (3 credits) Grade Method: REG.
Prerequisite: BUSI 640 or permission of department. Credit will be granted for only one of the following: BMGT 740 or BUSI 771. Formerly BMGT740. Development of skills for financing new ventures (both small and potentially large). Exploration of various funding sources. Criteria used in evaluation and decision process, including commercial banks, venture capital companies, small business investment companies, underwriters, private placement-financial consultants, mortgage bankers, and small business innovative research grants (U.S. Government). Topics will include: methods of financing, techniques for valuing new businesses, financial structure, and evaluation methods used by investors and lenders. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

02DC	Jonathan Aberman	Seats (Total: 40)
	Meets July 13, 2009 - August 20, 2009	
	TuTh 6:40pm - 10:00pm	DC C2

BUSI785 **Project Management in Dynamic Environments**

BUSI785 Project Management in Dynamic Environments; (2 credits) Grade Method: REG.

For majors only or permission of department. Addresses project management skills that are required by successful managers in increasingly competitive and faster-moving environments. Examines fundamental concepts of successful project management, and the technical and managerial issues, methods, and techniques.

02D6	Barnet Corwin	Seats (Total: 35)
	Meets July 25, 2009 - August 22, 2009	
	Sa 9:00am - 2:30pm	DC C2

BUSI798C **Global Business Experience; Doing Business in China: Business Impact of the Beijing Olympics**

Contact department for information to register for this course.

BUSI798E **Global Business Experience; Doing Business in the European Union: Energy Infrastructure Investment: US vs. EU Approaches**

Contact department for information to register for this course.

BUSI798I **Global Business Experience; Doing Business in Israel**

Contact department for information to register for this course.

BUSI798L **Global Business Experience; Doing Business in Chile: Leadership and Strategy in Chilean Organizations**

Contact department for information to register for this course.

BUSI798M **Global Business Experience; Doing Business in the Middle East: Entrepreneurship and Emerging Markets in the Middle East**

Contact department for information to register for this course.

BUSI798W **Global Business Experience; Doing Business in Central and Eastern Europe: Business Success in Central and Eastern European Markets**

Contact department for information to register for this course.

BUSI799 **Masters Thesis Research**

BUSI799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS Criminology and Criminal Justice Summer 2009

CCJS100 **Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly CJUS100. Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Arnett Gaston	Seats (Total: 60)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 1:00pm - 2:40pm	TYD 0111

CCJS105 **Introduction to Criminology**

CCJS105 Introduction to Criminology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly CRIM220. Criminal behavior and the methods of its study; causation; typologies of criminal acts and offenders; punishment, correction and incapacitation; prevention of crime.

0101	Jennifer Gibbs	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 3:00pm - 4:40pm	KEY 0103
0201	Jennifer Varriale	Seats (Total: 50)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 1:00pm - 2:40pm	BPS 0283
06FF	Amy Kamerdze	Seats (Total: 30)
	Meets August 3, 2009 - August 21, 2009	
	MTuWTh 9:00am - 12:20pm	TYD 0111
	Part of Freshmen First Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.	

CCJS200 **Statistics for Criminology and Criminal Justice**

CCJS200 *(PermReq)* **Statistics for Criminology and Criminal Justice; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS100 or CCJS105, and MATH111 with a grade of C or higher. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, and SOCY201. Introduction to descriptive and inferential statistics, graphical techniques, and the computer analysis of criminology and criminal justice data. Basic procedures of hypothesis testing, correlation and regression analysis, and the analysis of continuous and binary dependent variables. Emphasis upon the examination of research problems and issues in criminology and criminal justice.

0101	Alan Lehman **Meets June 1, 2009 - July 12, 2009** MTuWTh 1:00pm - 2:40pm	Seats (Total: 50) LEF 2205
0201	Christine Eith **Meets July 13, 2009 - August 23, 2009** MTuWTh 5:00pm - 6:40pm	Seats (Total: 50) ASY 1213

CCJS230 **Criminal Law in Action**

CCJS230 *(PermReq)* **Criminal Law in Action; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100. Law as one of the methods of social control. Criminal law: its nature, sources and types; theories and historical developments. Behavioral and legal aspects of criminal acts. Classification and analysis of selected criminal offenses.

0101	Christine Roberts White **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:00am - 10:40am	Seats (Total: 50) SQH 1119

CCJS234 **Law of Criminal Investigation**

CCJS234 *(PermReq)* **Law of Criminal Investigation; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. General principles and theories of criminal procedure. Due process. Arrest, search and seizure. Recent developments. Study and evaluation of evidence and proof.

0201	David Salem **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 50) TYD 0102

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS100 and CCJS105; and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT230. Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.

0101	Laure Brooks **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:00am - 10:40am	Seats (Total: 50) LEF 2205
0201	Maria Lobo-Antunes **Meets July 13, 2009 - August 23, 2009** MTuWTh 11:00am - 12:40pm	Seats (Total: 50) ASY 1213

CCJS310 **Criminal Investigations**

CCJS310 Criminal Investigations; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. An introduction to modern methods used in detection, investigation, and solution of crime. Students will be taught basic and advanced investigative techniques utilized by law enforcement agencies. Analysis of actual cases will be used to demonstrate practical uses of these techniques.

02Z1	Susan Clutter **Meets July 13, 2009 - August 23, 2009** MW 4:30pm - 7:50pm *This section meets at the Shady Grove campus.*	Seats (Total: 25) Location: TBA

CCJS320 **Introduction to Criminalistics**

CCJS320 *(PermReq)* **Introduction to Criminalistics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a crime laboratory, including fingerprints and other impressions, firearms ID and ballistics, hairs and fibers, document examination, and use of polygraph. Students must pay a $40.00 materials fee.

0101	Thomas Mauriello **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401
0201	Thomas Mauriello **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401

CCJS340 **Concepts of Law Enforcement Administration**

CCJS340 *(PermReq)* **Concepts of Law Enforcement Administration; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 or equivalent. An introduction to concepts of organization and management as these relate to law enforcement. Principles of structure, process, policy and procedure, communication and authority, division of work and organizational controls. Human element in the organization. Informal interaction and bureaucracy.

0101	Laure Brooks **Meets June 1, 2009 - July 12, 2009** MTuWTh 11:00am - 12:40pm	Seats (Total: 40) SQH 1105

CCJS350 **Juvenile Delinquency**

CCJS350 *(PermReq)* **Juvenile Delinquency; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS105. Juvenile delinquency in relation to the general problem of crime; analysis of factors underlying juvenile delinquency; treatment and prevention; organization and social responsibility of law enforcement.

0101	Christine Roberts White	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:40pm	TYD 1118

CCJS352 **Drugs and Crime**

CCJS352 *(PermReq)* **Drugs and Crime; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: CCJS100.* An analysis of the role of criminal justice in the control of drug use and abuse.

0101	Alan Lehman	Seats (Total: 60)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:40pm	LEF 2205

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS386 **Experiential Learning**

CCJS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training; LAW ENFORCEMENT FIELD TRAINING**

CCJS398 *(PermReq)* **Law Enforcement Field Training: LAW ENFORCEMENT FIELD TRAINING; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399 **Independent Study in Criminology and Criminal Justice**

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399C **Independent Study in Criminology and Criminal Justice; Contemporary Case Law**

CCJS399C *(PermReq)* **Independent Study in Criminology and Criminal Justice: Contemporary Case Law; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Alvin Zumbrun	Seats (Total: 40)
	Meets June 2, 2009 - July 9, 2009	
	Contact instructor or department for details.	
	This course will meet 1-3pm in LEF 2208 on the following days June 2, June 23, July 7, and July 9.	
0201	Alvin Zumbrun	Seats (Total: 40)
	Meets July 14, 2009 - August 20, 2009	
	Contact instructor or department for details.	
	This course will meet 1-3pm in skn 0104 on the following days July 14, Aug 4, Aug 18 and Aug 20.	

CCJS451 **Crime and Delinquency Prevention**

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS105 or CCJS350 or permission of department; and CCJS300.
Methods and programs in prevention of crime and delinquency.

0201	Cortney Fisher	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 9:00am - 10:40am	TYD 1102

CCJS452 **Treatment of Criminals and Delinquents**

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS105 or CCJS350 or permission of department; and CCJS300.
Processes and methods used to modify criminal and delinquent behavior.

0101	Arnett Gaston	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 3:00pm - 4:40pm	TYD 0111

CCJS600 **Criminal Justice**
Contact department for information to register for this course.

CCJS604 **Policy Analysis Project**
Contact department for information to register for this course.

CCJS678A **Advanced Topics in Criminology and Criminal Justice**
Contact department for information to register for this course.

CCJS699 **Special Criminological Problems**

CCJS699 Special Criminological Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS799 **Master's Thesis Research**

CCJS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS899 **Doctoral Dissertation Research**

CCJS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM Chemistry Summer 2009

CHEM131 **Chemistry I - Fundamentals of General Chemistry**

CHEM131 Chemistry I - Fundamentals of General Chemistry; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently wit CHEM 132. Prerequisite: Math eligibility of MATH111 or higher. Corequisite: CHEM132. Credit will be granted for only one of the following: CHEM103, CHEM131, CHEM135, CHEM143 or CHEM146. Formerly CHEM103. An overview of the Periodic Table, inorganic substances, ionic and covalent bonding, bulk properties of materials, chemical equilibrium, and quantitative chemistry. CHEM131 is the first course in a four-semester sequence for students majoring in the sciences, other than Chemistry and Biochemistry majors.

0131	Maryann Jones	Seats (Total: 32)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm	CHM 0115	
	TuTh 9:30am - 10:50am	CHM 1224	Discussion
0132	Maryann Jones	Seats (Total: 32)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 11:00am - 12:20pm	CHM 0115	
	TuTh 9:30am - 10:50am	CHM 2201	Discussion
0138	Eddie Chang	Seats (Total: 36)	
	Meets June 1, 2009 - August 23, 2009		
	Tu 6:30pm - 9:30pm	CHM 1224	
	Th 6:30pm - 7:20pm	CHM 1224	Discussion
0139	Eddie Chang	Seats (Total: 10)	
	Meets June 1, 2009 - August 23, 2009		
	Tu 6:30pm - 9:30pm	CHM 1224	
	Th 6:30pm - 7:20pm	PLS 1158	Discussion

CHEM132 **General Chemistry I Laboratory**

CHEM132 General Chemistry I Laboratory; (1 credit) Grade Method: REG/P-F. *CORE Physical Science Lab (PL) course only when taken concurrently with CHEM 131. Corequisite: CHEM131. Credit will be granted for only one of the following: CHEM103, CHEM132, CHEM136, CHEM143 or CHEM147. Formerly CHEM103.* Introduction to the quanitification of chemical substances, including the concept of the mole and chemical stoichiometry. Additional work involves the synthesis of ionic substances and their qualitative characterization. Must be taken concurrently with CHEM131.

0131	Maryann Jones **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 24) CHM 1110	 Lab
0132	Maryann Jones **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 24) CHM 1106	 Lab
0138	Maryann Jones **Meets June 1, 2009 - August 23, 2009** Th 7:30pm - 10:20pm	Seats (Total: 24) CHM 1110	 Lab
0139	Maryann Jones **Meets June 1, 2009 - August 23, 2009** Th 7:30pm - 10:20pm	Seats (Total: 24) CHM 1106	 Lab

CHEM135 **General Chemistry for Engineers**

CHEM135 General Chemistry for Engineers; (3 credits) Grade Method: REG. *Pre- or corequisite: MATH115. Not open to students who have completed CHEM103, CHEM113, CHEM143, or CHEM153. Credit will be granted for only one of the following: CHEM103, CHEM113, CHEM131, CHEM135, CHEM143, OR CHEM153.* The nature and composition of matter, solutions, chemical reactions, equilibria, and electrochemistry, with applications to various fields of engineering.

0201	Michelle Brooks **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 36) CHM 1228 CHM 1228	 Discussion

CHEM231 **Organic Chemistry I**

CHEM231 Organic Chemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {CHEM131 and CHEM132} or {CHEM113 or CHEM153} or {CHEM135 and CHEM136} or {CHEM146 and CHEM147}. A grade of C or better in the prerequisite is required of Life Science majors and recommended for all students. Not open to students who have completed CHEM233 or CHEM237. Credit will be granted for only one of the following: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly CHEM233.* The chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, arenes, halides, alcohols, esters and spectroscopy.

0171	Bonnie Dixon **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 26) CHM 1407 CHM 1228	 Discussion
0172	Bonnie Dixon **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 26) CHM 1407 JMP 2202	 Discussion
0173	Bonnie Dixon **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 26) CHM 1407 BPS 1238	 Discussion
0174	Bonnie Dixon **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 26) CHM 1407 CHM 0128	 Discussion
0178	Howard Fribush **Meets June 1, 2009 - August 23, 2009** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 35) CHM 1228 CHM 1228	 Discussion
0271	Lenea Stocker **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 30) CHM 1402 CHE 2118	 Discussion

0272	Lenea Stocker **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 30) CHM 1402 PHY 4208	 Discussion

CHEM232 **Organic Chemistry Laboratory I**

CHEM232 Organic Chemistry Laboratory I; (1 credit) Grade Method: REG. *Prerequisite: {CHEM131 and CHEM132} or {CHEM113 or CHEM153} or {CHEM135 and CHEM136} or {CHEM146 and CHEM147}. A grade of C or better in the prerequisites is required for Life Science majors and recommended for all students. Corequisite: CHEM231. Not open to students who have completed CHEM104, CHEM233 or CHEM237. Credit will be granted for only one of the following: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly CHEM233.* Provides experience in developing some basic laboratory techniques, recrystallizaton, distillation, extraction, chromatography. Students must pay a $40.00 Laboratory Materials fee.

0171	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1360	 Lab
0172	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1356	 Lab
0173	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1346	 Lab
0174	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1308	 Lab
0178	Natalia White **Meets June 1, 2009 - August 23, 2009** Th 7:30pm - 10:20pm	Seats (Total: 19) CHM 1360	 Lab

0271	Natalia White **Meets July 13, 2009 - August 23, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1360	 Lab
0272	Natalia White **Meets July 13, 2009 - August 23, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1356	 Lab

CHEM241 **Organic Chemistry II**

CHEM241 Organic Chemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {CHEM231 and CHEM232} or CHEM233 or CHEM237. A grade of C or better in the prerequisite is required for Life Science majors and recommended for all students. Not open to students who have completed CHEM243 or CHEM247. Credit will be granted for only one of the following: CHEM241, CHEM243 or CHEM247. Formerly CHEM243.* A continuation of CHEM231 with emphasis on molecular structure; substitution reactions; carbonium ions; aromaticity; synthetic processes; macromolecules.

0191	Daniel Steffek, Douglas Julin **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1402 CHM 0127	 Discussion
0192	Daniel Steffek, Douglas Julin **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1402 CHM 0115	 Discussion
0291	Daniel Steffek **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 30) CHM 1407 CHM 0127	 Discussion
0292	Daniel Steffek **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 24) CHM 1407 CHM 0128	 Discussion

0293	Daniel Steffek **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 21) CHM 1407 PLS 1172	 Discussion
0294	Daniel Steffek **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 20) CHM 1407 CHM 0122	 Discussion

CHEM242 **Organic Chemistry Laboratory II**

CHEM242 Organic Chemistry Laboratory II; (1 credit) Grade Method: REG. *Prerequisite: {CHEM231 and CHEM232} or CHEM233 or CHEM237. A grade of C or better in the prerequisite is required for Life Science majors or recommended for all students. Corequisite: CHEM241. Not open to students who have completed CHEM243 or CHEM247. Formerly CHEM243.* Synthetic organic chemistry through functional group manipulation, introduction to instrumentation essential to analysis and structure elucidation. Students must pay a $40.00 Laboratory Materials fee.

0191	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1326	 Lab
0192	Natalia White **Meets June 1, 2009 - July 12, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1330	 Lab
0291	Natalia White **Meets July 13, 2009 - August 23, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1346	 Lab
0292	Natalia White **Meets July 13, 2009 - August 23, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1342	 Lab
0293	Natalia White **Meets July 13, 2009 - August 23, 2009** MWF 8:00am - 10:50am	Seats (Total: 19) CHM 1330	 Lab

0294	Natalia White	Seats (Total: 18)	
	Meets July 13, 2009 - August 23, 2009		
	MWF 8:00am - 10:50am	CHM 1326	Lab

CHEM271 **General Chemistry and Energetics**

CHEM271 General Chemistry and Energetics; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM241 and CHEM242; or CHEM247. A grade of C or better in the prerequisites for Life Sciences majors and recommended for all students. Corequisite: CHEM272. Not open to students who have completed CHEM113. Credit will be granted for only one of the following: CHEM113, CHEM153, CHEM271 or CHEM276. Formerly CHEM113. An introduction to the physical aspects of chemistry; chemical kinetics, thermodynamics and electrochemistry in the context of current chemistry research.

0141	Lee Friedman	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	CHM 0128 CHE 2118	Discussion
0142	Lee Friedman	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	CHM 0128 PHY 4208	Discussion

CHEM272 **General Bioanalytical Chemistry Laboratory**

CHEM272 General Bioanalytical Chemistry Laboratory; (2 credits) Grade Method: REG/P-F.
Prerequisite: CHEM241 and CHEM242; or CHEM247. A grade of C or better in the prerequisites is required for Life Sciences majors and recommended for all students. Corequisite: CHEM271. Credit will be granted for only one of the following: CHEM227, CHEM272 or CHEM277. An introduction to analytical chemistry with an emphasis on bio-analytical instrumentation and techniques. Students must pay a $40.00 laboratory materials fee.

0141	Lee Friedman **Meets June 1, 2009 - July 12, 2009** TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	Seats (Total: 24) CHM 0119 CHM 1105	 Lab
0142	Lee Friedman **Meets June 1, 2009 - July 12, 2009** TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	Seats (Total: 24) CHM 0119 CHM 1128	 Lab

CHEM399A **Introduction to Chemical Research**

CHEM399A *(PermReq)* **Introduction to Chemical Research; (1 credit)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

CHEM399B **Introduction to Chemical Research**

CHEM399B *(PermReq)* **Introduction to Chemical Research; (2 credits)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

CHEM399C **Introduction to Chemical Research**

CHEM399C *(PermReq)* **Introduction to Chemical Research; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

CHEM699 **Special Problems in Chemistry**

CHEM699 Special Problems in Chemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM799 **Master's Thesis Research**

CHEM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM898 **Pre-Candidacy Research**

CHEM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

CHEM899 **Doctoral Dissertation Research**

CHEM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHIN Chinese Summer 2009

CHIN213 **Chinese Poetry into English: An Introduction**

CHIN213 Chinese Poetry into English: An Introduction; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Issues in the intercultural and interlingual interpretation of foreign literature through the study of Western translations of and scholarship on selected Chinese poets. No knowledge of Chinese required.

0101	Huichun Liang	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:45pm	SKN 0104

CHIN499 **Directed Study in Chinese**
Contact department for information to register for this course.

CLAS Classics Summer 2009

CLAS170 **Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
This course cannot be taken for language credit. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

0101	Heather Day	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 10:00am - 11:40am	SQH 1120
0102	Jason Edwards	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTh 5:00pm - 8:20pm	PAC 1815
0201	Charlotte Malerich	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 10:00am - 11:40am	SQH 1107

0202	Brendan Magee	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTh 5:00pm - 8:20pm	SQH 2117

CLAS171 **Classical Myths in Europe**
Contact department for information to register for this course.

CLAS308G **The Classics in Context; Greece: The Living Legacy**
Contact department for information to register for this course.

CLAS470 **Approaches to Greek Mythology**

CLAS470 Approaches to Greek Mythology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CLAS170 or permission of department. Ancient and modern approaches to understanding Greek myth as expression of human experience, including interpretations drawn from psychology, anthropology, and comparative mythology.

0101	Gregory Staley	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MTh 6:00pm - 9:15pm	MMH 2407A

CLAS499 **Independent Study in Classical Languages and Literatures**

CLAS499 *(PermReq)* **Independent Study in Classical Languages and Literatures; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS499P **Independent Study in Classical Languages and Literatures; Classical Myths in Europe: Paris**
Contact department for information to register for this course.

CLAS699 **Independent Study in Classical Civilization**

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS799 **Master's Thesis Research**

CLAS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLFS Chemical and Life Sciences Summer 2009

CLFS001 **Life Science Assessment Test**
Contact department for information to register for this course.

CLFS608 **Seminar in Current Topics in Chemical and Life Science; Scholarly Paper**
Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**
Contact department for information to register for this course.

CLFS609D **Special Topics; Microbiology**

CLFS609D Special Topics: Microbiology; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 20)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS609E **Special Topics; Immunology**

CLFS609E Special Topics: Immunology; (3 credits) Grade Method: REG/AUD.

PL01	Carol Pontzer	Seats (Total: 30)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS609J **Special Topics; Evolutionary Biology**

CLFS609J Special Topics: Evolutionary Biology; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 31)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS619B **Special Topics in Chemistry; Environmental Chemistry**

CLFS619B Special Topics in Chemistry: Environmental Chemistry; (3 credits) Grade Method: REG/AUD.

PL01	Debra Boehmler	Seats (Total: 20)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS630 **Principles of Transmission Genetics: A Historical and Modern Perspective**

CLFS630 Principles of Transmission Genetics: A Historical and Modern Perspective; (3 credits) Grade Method: REG/AUD.
Examines the origins of modern genetics, model genetic systems, and the role of chromosomes in vertical transmission of genetic information from parent to offspring. Classical gene mapping, population genetics and the various applications of modern genetics will also be studied.

PL01	Nancy Trun	Seats (Total: 21)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: LFSC 510, two years teaching experience, and permission of department. For Masters of LFSC majors only. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 30)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CLFS710 **Experimental Biology**

CLFS710 Experimental Biology; (6 credits) Grade Method: REG/AUD.
Formerly LFSC710. Participants develop skills in four areas of biological research while investigating a variety of biological systems. Those areas include: (1) iterative scientific methods, (2) basic laboratory techniques, (3) experimental design and analysis, and (4) critical evaluation of published research.

PL01	Bretton Kent	Seats (Total: 22)
	Meets June 22, 2009 - July 31, 2009	
	MTuWThF 8:30am - 4:30pm	HJP 2103

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: LFSC 710, LFSC 719 or LFSC 725. Formerly LFSC719. Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets June 1, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

CMPS Computer, Mathematical and Physical Sciences — Summer 2009

CMPS299B **Special Topics; Achieving Academic Excellence**

CMPS299B *(PermReq)* **Special Topics: Achieving Academic Excellence; (1 credit)** Grade Method: REG/P-F/AUD.

0101	Sophoria Westmoreland	Seats (Total: 28)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

CMPS299C **Special Topics**

CMPS299C *(PermReq)* **Special Topics; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMPS496 **NASA Academy**
Contact department for information to register for this course.

CMSC Computer Science Summer 2009

CMSC122 **Introduction to Computer Programming via the Web**

CMSC122 Introduction to Computer Programming via the Web; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Not open to students who have completed CMSC132 or higher. Credit will be granted for only one of the following: CMSC122 or CMSC198N. Formerly CMSC198N. Introduction to computer programming in the context of developing full featured dynamic web sites. Uses a problem solving approach to teach basics of program design and implementation using JavaScript; relates these skills to creation of dynamic web sites; then explores both the potential and limits of web-based information sources for use in research. Intended to help relate a student's major to these emerging technologies.

0101	Nelson Padua-Perez	Seats (Total: 30)
	Meets June 1, 2009 - July 25, 2009	
	MWF 11:00am - 12:20pm	CSI 2107
	TuTh 11:00am - 12:20pm	CSI 2107

CMSC131 **Object-Oriented Programming I**

CMSC131 *(PermReq)* **Object-Oriented Programming I; (4 credits)** Grade Method: REG/P-F/AUD.
Corequisite: MATH140 and permission of department. Not open to students who have completed CMSC114. Introduction to programming and computer science. Emphasizes understanding and implementation of applications using object-oriented techniques. Develops skills such as program design and testing as well as implementation of programs using a graphical IDE. Programming done in Java. For CMSC majors only.

0101	Fawzi Emad	Seats (Total: 25)	
	Meets June 1, 2009 - August 9, 2009		
	MWF 11:00am - 12:30pm	CSI 1121	
	TuTh 11:00am - 12:30pm	CSI 1121	Discussion

CMSC132 **Object-Oriented Programming II**

CMSC132 *(PermReq)* **Object-Oriented Programming II; (4 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CMSC131 with a grade of C or better; or a score of 5 on the A Java AP exam; or a score of 4 or 5 on the AB Java AP exam; or permission of the department based on satisfactory performance on the department placement exam and permission of department. Corequisite: MATH141. Introduction to use of computers to solve problems using software engineering principles. Design, build, test, and debug medium -size software systems and learn to use relevant tools. Use object-oriented methods to create effective and efficient problem solutions. Use and implement application programming interfaces (APIs). Programming done in Java.

0101	Nelson Padua-Perez	Seats (Total: 41)	
	Meets June 1, 2009 - August 9, 2009		
	MWF 9:30am - 10:50am	CSI 1121	
	TuTh 9:30am - 10:50am	CSI 1121	Discussion

CMSC198M **Special Topics in Computer Science for Non-Majors**

CMSC198M Special Topics in Computer Science for Non-Majors; (3 credits) Grade Method: REG/P-F/AUD.

04YS	Peter Weiss	Seats (Total: 30)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:00am - 12:00pm	CSI 2118	
	This section is part of the Young Scholars Program. Enrollment by permission only.		

CMSC212 **Introduction to Low-Level Programming Concepts**

CMSC212 *(PermReq)* **Introduction to Low-Level Programming Concepts; (4 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CMSC132 with a grade of C or better; or permission of the department based on satisfactory performance on the department placement exam and permission of department. Corequisite: CMSC250. Introduction to many of the concepts that lie behind software, such as hardware, memory layout, memory management, and operating systems. Explain how these concepts affect the design of software systems.

0101	Derrick Wood	Seats (Total: 45)	
	Meets June 1, 2009 - August 8, 2009		
	MWF 12:30pm - 1:50pm	CSI 1121	
	TuTh 12:30pm - 1:50pm	CSI 1121	Discussion

CMSC250 **Discrete Structures**

CMSC250 *(PermReq)* **Discrete Structures; (4 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CMSC131 with a grade of C or better; MATH141; and permission of department. Formerly CMSC150. Fundamental mathematical concepts related to computer science, including finite and infinite sets, relations, functions, and propositional logic. Introduction to other techniques, modeling and solving problems in computer science. Introduction to permutations, combinations, graphs, and trees with selected applications.

0101	Evan Golub	Seats (Total: 31)	
	Meets June 1, 2009 - July 24, 2009		
	MTuWTh 11:00am - 12:20pm	CSI 1122	
	F 11:00am - 12:20pm	CSI 1122	Discussion

CMSC330 **Organization of Programming Languages**

CMSC330 *(PermReq)* **Organization of Programming Languages; (3 credits)** Grade Method: REG.
Prerequisite: CMSC212 and CMSC250: each with a grade of C (2.0) or better; and permission of department. The semantics of programming languages and their run-time organization. Several different models of languages are discussed, including procedural (e.g., C, Pascal), functional (e.g., ML, LISP), rule-based (e.g., Prolog), and object-oriented (e.g., C++, Smalltalk). Run-time structures, including dynamic versus static scope rules, storage for strings, arrays, records, and object inheritance are explored.

0101	Kinga Dobolyi	Seats (Total: 35)	
	Meets June 1, 2009 - July 24, 2009		
	MTuTh 9:30am - 10:50am	CSI 2117	
	WF 9:30am - 10:50am	CSI 2117	Discussion

CMSC351 **Algorithms**

CMSC351 *(PermReq)* **Algorithms; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CMSC212 and CMSC250: each with a grade of C (2.0) or better; and permission of department. CMSC351 may not count as one of the required upper level CMSC courses for students who are required to have 24 upper level CMSC credits for graduation, i.e. for students who became computer science majors prior to Fall, 2002. Credit will be granted for only one of the following: CMSC251 or CMSC351. Formerly CMSC251. A systematic study of the complexity of some elementary algorithms related to sorting, graphs and trees, and combinatorics. Algorithms are analyzed using mathematical techniques to solve recurrences and summations.

0101	Clyde Kruskal	Seats (Total: 45)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:45am	CSI 1122	

CMSC411 **Computer Systems Architecture**

CMSC411 *(PermReq)* **Computer Systems Architecture; (3 credits)** Grade Method: REG.
Prerequisite: A grade of C or better in (CMSC311 or ENEE350) and a grade of C or better in CMSC330; and permission of department; or CMSC graduate student. Input/output processors and techniques. Intra-system communication, buses, caches. Addressing and memory hierarchies. Microprogramming, parallelism, and pipelining.

0201	Michelle Hugue	Seats (Total: 50)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 11:00am - 12:20pm	CSI 1115

CMSC420 **Data Structures**

CMSC420 *(PermReq)* **Data Structures; (3 credits)** Grade Method: REG.
Prerequisites: A grade of C or better in CMSC330 and in CMSC351; and permission of department; or CMSC graduate student. Description, properties, and storage allocation of data structures including lists and trees. Algorithms for manipulating structures. Applications from areas such as data processing, information retrieval, symbol manipulation, and operating systems.

0101	Michelle Hugue	Seats (Total: 30)
	Meets June 1, 2009 - July 24, 2009	
	MTuWTh 12:30pm - 1:50pm	CSI 1115

CMSC451 **Design and Analysis of Computer Algorithms**

CMSC451 *(PermReq)* **Design and Analysis of Computer Algorithms; (3 credits)** Grade Method: REG.
Prerequisite: a grade of C or better in CMSC351; and permission of department; or CMSC graduate student. Fundamental techniques for designing efficient computer algorithms, proving their correctness, and analyzing their complexity. General topics include sorting, selection, graph algorithms, and basic algorithm design paradigms (such as divide-and-conquer, dynamic programming and greedy algorithms), lower bounds and NP-completeness.

0201	Sorelle Friedler	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 10:50am	CSI 1122

CMSC460 **Computational Methods**

CMSC460 *(PermReq)* **Computational Methods; (3 credits)** Grade Method: REG. *Prerequisites: MATH240; and MATH241; and CMSC106 or CMSC114 or ENEE114; and permission of department; or CMSC graduate student. Also offered as AMSC460. Credit will be granted for only one of the following: AMSC/CMSC/MAPL460 or AMSC/CMSC/MAPL466.* Basic computational methods for interpolation, least squares, approximation, numerical quadrature, numerical solution of polynomial and transcendental equations, systems of linear equations and initial value problems for ordinary differential equations. Emphasis on methods and their computational properties rather than their analytic aspects. Intended primarily for students in the physical and engineering sciences.

0101	Peter Wolfe **Meets June 1, 2009 - July 24, 2009** MTuThF 8:00am - 9:20am	Seats (Total: 30) MTH 1308

CMSC498P **Selected Topics in Computer Science; Industrial Practices Apprenticeship**
Contact department for information to register for this course.

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0149	Alan Sussman **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)

CMSC798A **Graduate Seminar in Computer Science**

CMSC798A Graduate Seminar in Computer Science; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC799 **Master's Thesis Research**

CMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Summer 2009

COMM107 **Oral Communication: Principles and Practices**

COMM107 Oral Communication: Principles and Practices; (3 credits) Grade Method: REG/P-F.
Not open to students who have completed COMM100. Credit will be granted for only one of the following: COMM100 or COMM107. A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Ai Zhang **Meets June 1, 2009 - July 12, 2009** TuTh 6:30pm - 9:50pm	Seats (Total: 24) PLS 1180
0102	Erica Lamm **Meets June 1, 2009 - July 12, 2009** MW 6:30pm - 9:50pm	Seats (Total: 24) PLS 1117
0201	Abbe Depretis **Meets July 13, 2009 - August 23, 2009** MW 6:30pm - 9:50pm	Seats (Total: 24) SKN 0104

COMM200 **Critical Thinking and Speaking**

COMM200 Critical Thinking and Speaking; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Theory and practice of persuasive discourse analysis and composition. Research techniques, logical and rhetorical conceptions of argument, and technical principles for persuading in public venues.

0201	Ioana Cionea	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:20pm	PLS 1158

COMM230 **Argumentation and Debate**

COMM230 Argumentation and Debate; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
A study of the fundamental principles of reasoning, analysis, and evidence preparation of debate briefs and presentation of standard academic debate.

0101	Timothy Barney	Seats (Total: 24)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:30pm - 9:50pm	SKN 1112

COMM231 **News Writing and Reporting for Public Relations**

COMM231 *(PermReq)* **News Writing and Reporting for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Limited to COMM majors with sophomore and junior standing, or permission of department. Credit will be granted for only one of the following: JOUR201, JOUR201P, JOUR231, or COMM231. Formerly JOUR231. Introduction to writing and researching news and information media for public relations; laboratory in news-gathering tools and writing techniques for public relations.

0101	Katie Place	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	MW 2:00pm - 5:20pm	EGR 3140

COMM232 **News Editing for Public Relations**

COMM232 *(PermReq)* **News Editing for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Grade of C or better in COMM231 or equivalent and permission of department. Limited to COMM majors. Credit will be granted for only one of the following: JOUR202, JOUR202P, JOUR232, or COMM232. Formerly JOUR232. Copy editing, graphic principles and processes, news and information technologies for public relations.

0201	Brian Smith	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MW 2:00pm - 5:20pm	VMH 1311

COMM250 **Introduction to Communication Inquiry**

COMM250 Introduction to Communication Inquiry; (3 credits) Grade Method: REG/P-F/AUD.
An introduction to the field of communication. Definitions, models, and contexts of communication; rhetorical theory and rhetorical criticism of discourse.

0101	Sanja Novitsky	Seats (Total: 70)
	Meets June 1, 2009 - July 12, 2009	
	TuWTh 10:00am - 12:30pm	ASY 2309

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD.

0101	Julie Gowin	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Julie Gowin	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

COMM298L **Selected Topics in Communication; Speak Up!: People, Publics, and You**

COMM298L Selected Topics in Communication: Speak Up!: People, Publics, and You; (3 credits) Grade Method: REG/P-F/AUD.

04YS	Theresa Donofrio, Timothy Barney **Meets July 13, 2009 - July 31, 2009** MTuWThF 9:00am - 1:00pm *This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.*	Seats (Total: 22) SKN 0104

COMM324 **Communication and Gender**

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Renata Schloss **Meets June 1, 2009 - July 12, 2009** TuTh 6:30pm - 9:50pm	Seats (Total: 45) HBK 0115
0201	Tiffany Lewis **Meets July 13, 2009 - August 23, 2009** MW 6:30pm - 9:50pm	Seats (Total: 45) PLS 1162

COMM330 **Argumentation and Public Policy**

COMM330 Argumentation and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.

0201	Benjamin Krueger **Meets July 13, 2009 - August 23, 2009** TuTh 1:00pm - 4:20pm	Seats (Total: 35) PLS 1113

COMM350 **Public Relations Theory**

COMM350 Public Relations Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Grade C or better in JOUR201, JOUR231, COMM231 or COMM250; or permission of department. For COMM majors only. Not open to students who have completed JOUR330. Credit will be granted for only one of the following: COMM350 or COMM430 or JOUR330 or JOUR530. Formerly JOUR330. The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.

0101	Mara Hobler	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:00pm - 5:20pm	SYM 0209

COMM351 **Public Relations Techniques**

COMM351 *(PermReq)* **Public Relations Techniques; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: A grade C or better in JOUR202, JOUR232 or COMM232; and COMM350. For COMM majors only. Not open to students who have completed JOUR331. Credit will be granted for only one of the following: COMM351 or JOUR331. Formerly JOUR331. The techniques of public relations, including news releases, publications and printed materials, audio-visual techniques, speeches and special events. Application of these techniques in laboratory and field projects.

0201	Brian Smith	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 12:20pm	VMH 1311

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
45 hours of supervised internship per credit hour. Only 3 credits may be used to fulfill the requirements for the Communication major. Prerequisite: permission of department. Junior standing. For COMM majors only. Supervised internship experience with communication professionals. Relation of academic training to professional experience.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398 **Selected Topics in Communication**

COMM398 *(PermReq)* **Selected Topics in Communication; (3 credits)** Grade Method: REG.

0106	Leah Waks	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

COMM398P **Selected Topics in Communication; Popular Culture**

COMM398P Selected Topics in Communication: Popular Culture; (3 credits) Grade Method: REG.

0201	Arthur Herbig	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:20pm	SYM 0200

COMM398V **Selected Topics in Communication; Visual Communication**

COMM398V Selected Topics in Communication: Visual Communication; (3 credits) Grade Method: REG.

0101	Robert Coleman	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 11:00am - 2:20pm	EGR 3140

COMM398W **Selected Topics in Communication; Web Design**

COMM398W Selected Topics in Communication: Web Design; (3 credits) Grade Method: REG.

02Z1	Robert Coleman	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 2:00pm - 5:20pm	III 3212
	This section meets at the Shady Grove campus.	

COMM398Y **Selected Topics in Communication; Producing Documentary Films**

COMM398Y Selected Topics in Communication: Producing Documentary Films; (3 credits) Grade Method: REG.

01Z1	Arthur Herbig	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MW 11:00am - 2:20pm	Location: TBA
	Section taught at Shady Grove campus.	

COMM399 **Honors Thesis**

COMM399 *(PermReq)* **Honors Thesis; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM400 **Research Methods in Communication**

COMM400 Research Methods in Communication; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250 and an introductory course in statistics. For COMM majors only. Philosophy of scientific method; role of theory; research ethics; empirical research methods (measurement, sampling, design, analysis).

0101	Edward Fink	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:20pm	PLS 1111

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. For COMM majors only. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Trevor Parry-Giles	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 2:00pm - 5:20pm	SYM 0209

COMM402 **Communication Theory and Process**

COMM402 Communication Theory and Process; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. For COMM majors only. Philosophical and conceptual analysis of communication theories.

0201	David Payne	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 10:00am - 1:20pm	CHM 1224

COMM424 **Communication in Complex Organizations**

COMM424 Communication in Complex Organizations; (3 credits) Grade Method: REG/P-F/AUD.
Structure and function of communication within organizations: organizational climate and culture, information flow, networks and role relationships.

02Z1	Judith Tenney	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:20pm	III 2203
	This section meets at the Shady Grove campus.	

COMM470 **Listening**

COMM470 Listening; (3 credits) Grade Method: REG/P-F/AUD.
The principles of listening behavior.

01Z1	Andrew Wolvin	Seats (Total: 45)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	Location: TBA
	This section meets at the Shady Grove campus.	

COMM475 **Persuasion**

COMM475 Persuasion; (3 credits) Grade Method: REG/P-F/AUD.
Bases of persuasion, with emphasis on recent experimental developments in persuasion.

0101	Torsten Reimer	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 2:00pm - 5:20pm	PLS 1113

COMM482 **Intercultural Communication**

COMM482 Intercultural Communication; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
The major variables of communication in an intercultural context: cultural, racial and national differences; stereotypes; values; cultural assumptions; and verbal and nonverbal channels.

0101	Deborah Cai	Seats (Total: 45)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:20pm	TYD 1101

COMM489 **Topical Research; Topical Research**

COMM489 *(PermReq)* **Topical Research: Topical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM798 **Independent Study**

COMM798 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM799 **Master's Thesis Research**

COMM799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP College Park Scholars Program Summer 2009

CPSP239J **Individual Practicum**

CPSP239J Individual Practicum; (1-3 credits) Grade Method: REG.

0101	Greig Stewart **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 15)
0201	Greig Stewart **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

CPSP239T **Individual Practicum**

CPSP239T Individual Practicum; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Betsy Mendelsohn	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

CPSP249T **Service-Learning**

CPSP249T Service-Learning; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Betsy Mendelsohn	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

CPSP339P **Advanced Practicum; Public Leadership**

CPSP339P Advanced Practicum: Public Leadership; (1-3 credits) Grade Method: REG/P-F/AUD.
Restricted to College Park Scholars - Public Leadership Course

0101	David Crocker	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

CPSP379C **College Park Scholars Travel Study; International and Multicultural Perspectives in Education**
Contact department for information to register for this course.

CPSP379E **College Park Scholars Travel Study; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

CPSP379K **College Park Scholars Travel Study; London and the British Empire**
Contact department for information to register for this course.

DANC Dance Summer 2009

DANC200 **Introduction to Dance**

DANC200 Introduction to Dance; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
A study of dance as a form of communication and as an art form; a survey of the theories and styles of dance, and their relationships to other art forms.

0101	Angella Foster	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 9:00am - 10:40am	PAC 1924

DANC689 **Special Topics in Dance**

DANC689 Special Topics in Dance; (1-3 credits) Grade Method: REG/AUD.

0301	Daniel Wagner	Seats (Total: 2)
	Meets June 1, 2009 - June 19, 2009	
	Contact instructor or department for details.	

DANC698 **Independent Study in Dance**

DANC698 Independent Study in Dance; (1-3 credits) Grade Method: REG/AUD.

0101	Daniel Wagner	Seats (Total: 2)
	Meets June 1, 2009 - June 19, 2009	
	Contact instructor or department for details.	

ECON Economics Summer 2009

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

0101	Yeon Kim	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 10:10pm	TYD 1118
0102	Orathai Sujitprapakorn	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:00pm - 4:10pm	MMH 0108

0201	Dong Wu **Meets July 13, 2009 - August 23, 2009** TuTh 5:00pm - 9:10pm	Seats (Total: 40) TYD 1102
0202	Adriana Vamosiu **Meets July 13, 2009 - August 23, 2009** MWF 9:30am - 12:20pm	Seats (Total: 40) SQH 1117

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Credit will be granted for only one of the following: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0102	Salem Abo Zaid **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 10:10pm	Seats (Total: 40) WDS 1114
0201	Sandeep Singh **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 10:10pm	Seats (Total: 40) TYD 1108

ECON300 **Methods and Tools for Economic Analysis**

ECON300 *(PermReq)* **Methods and Tools for Economic Analysis; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: By permission with ECON200, ECON201, and {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only and permission of department. Not open to students who have completed MATH240 or MATH241. Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Pablo Federico **Meets June 1, 2009 - July 12, 2009** MW 6:30pm - 9:40pm	Seats (Total: 40) JMZ 2206
0201	Diana Iercosan **Meets July 13, 2009 - August 23, 2009** MWF 6:00pm - 8:05pm	Seats (Total: 40) TYD 0111

ECON305 **Intermediate Macroeconomic Theory and Policy**

ECON305 Intermediate Macroeconomic Theory and Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON200, ECON201, and (MATH220 or MATH140). Not open to students who have completed ECON325. ECON majors are required to take ECON325. Credit will be granted for only one of the following: ECON305 or ECON325. Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.

0101	Antoine Gervais **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) SQH 1121

ECON306 **Intermediate Microeconomic Theory**

ECON306 Intermediate Microeconomic Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON200, ECON201, and (MATH220 or MATH140). Not open to students who have completed ECON326. ECON majors are required to take ECON326. Credit will be granted for only one of the following: ECON306 or ECON326. Analysis of the theories of consumer behavior and of the firm, market systems, distribution theory and the role of externalities.

0201	Sheri Pruitt **Meets July 13, 2009 - August 23, 2009** TuTh 6:30pm - 9:40pm	Seats (Total: 40) WDS 1114

ECON315 **Economic Development of Underdeveloped Areas**

ECON315 Economic Development of Underdeveloped Areas; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON200 and ECON201. Credit will be granted for only one of the following: ECON315 or ECON416. Analysis of the economic and social characteristics of underdeveloped areas. Recent theories of economic development, obstacles to development, policies and planning for development.

0201	Quynh Nguyen **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0102

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200, ECON201, {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only. Not open to students who have completed BMGT230 or BMGT231 (unless with department permission). Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	Sushant Acharya **Meets June 1, 2009 - July 12, 2009** MW 6:30pm - 9:40pm	Seats (Total: 40) KEY 0126
0201	Gabriel Lara Ibarra **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:10pm	Seats (Total: 40) TYD 1114

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON305 (not accepted for major requirements) or ECON325. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Enes Sunel **Meets June 1, 2009 - July 12, 2009** WThF 6:30pm - 8:35pm	Seats (Total: 40) KEY 0116

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON306 (not accepted for major requirements) or ECON326. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asysmetric information.

0101	Juan Bonilla-Angel **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101
0201	Vesela Grozeva **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 1132

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 and ECON201. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Eduardo Olaberria **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:10pm	Seats (Total: 40) JRN 1105
0201	Martin Schmidt **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0111

ECON340 **International Economics**

ECON340 International Economics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON200 and ECON201. Credit will be granted for only one of the following: ECON340 or ECON441.* Covers economic models of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences.

0101	Didem Tuzemen **Meets June 1, 2009 - July 12, 2009** MW 6:30pm - 9:40pm	Seats (Total: 40) TYD 0111
0102	Armando Armenta Reales **Meets June 1, 2009 - July 12, 2009** TuTh 9:30am - 12:40pm	Seats (Total: 40) WDS 1114
0201	Teresa Fort **Meets July 13, 2009 - August 23, 2009** MTuTh 12:30pm - 2:35pm	Seats (Total: 40) WDS 1114

ECON386 **Experiential Learning**

ECON386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ECON200, ECON201, and cumulative GPA > 2.75; and permission of department. Junior standing. For ECON majors only. See Department Advising Office for course eligibility, course requirements, and application information.

Contact department for information to register for this course.

ECON399 **Individual Readings and Research For Undergraduates**

ECON399 *(PermReq)* **Individual Readings and Research For Undergraduates; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: six hours of upper division economics courses.

Contact department for information to register for this course.

ECON414 **Game Theory**

ECON414 Game Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON326 with a grade of 'C' or better (or ECON306 by permission of department). For ECON majors only. Not open to students who have completed GVPT399A. Credit will be granted for only one of the following: ECON414 or GVPT399A. Studies the competitive and cooperative behavior that results when several parties with conflicting interests must work together. Learn how to use game theory to analyze situations of potential conflict. Applications are drawn from economics, business, and political science.

0101	Jeffrey Borowitz **Meets June 1, 2009 - July 12, 2009** MW 9:00am - 12:10pm	Seats (Total: 40) TYD 0101
0201	Randy Chugh **Meets July 13, 2009 - August 23, 2009** MW 9:00am - 12:10pm	Seats (Total: 40) TYD 1132

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON321 (or STAT400) with a grade of 'C' (2.0) or better. For ECON majors only. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Carolina Gonzalez-Velosa **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 2111

0201	Yasin Mimir	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:10pm	ASY 3207

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON325 and ECON326 (or ECON305 and ECON306 by permission of department) and ECON321 with a grade of 'C' (2.0) or better. For ECON majors only. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0201	Salih Fendoglu	Seats (Total: 36)
	Meets July 13, 2009 - August 23, 2009	
	MW 12:00pm - 3:15pm	PLS 1129

ECON435 **Financial Markets and the Macroeconomy**

ECON435 Financial Markets and the Macroeconomy; (3 credits) Grade Method: REG/P-F/AUD.
Finance majors will not receive credit for ECON435. Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Not open to students who have completed BMGT343 (for credit). Credit will be granted for only one of the following: BMGT343 or ECON435. Formerly ECON398F. The different types of financial assets that exist, the markets that they trade in, and the determination of their prices and rates of return are examined. Specific topics that will be covered include the Markowitz portfolio selection model, the capital asset pricing model, the arbitrage pricing theory, the efficient markets hypothesis, the term structure of interest rates, and options. There will be almost no emphasis on issues in corporate finance.

0101	Diether Beuermann	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:30pm - 9:40pm	TYD 0117

01Z1	Maria Sbrancia **Meets June 1, 2009 - July 12, 2009** MW 9:00am - 12:00pm *This section meets at the Shady Grove campus.*	Seats (Total: 40) Location: TBA

ECON454 **Public Finance and Public Policy**

ECON454 Public Finance and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Credit will be granted for only one of the following: ECON350 or ECON454. Study of welfare economics and the theory of public goods, taxation, public expenditures, benefit-cost analysis, and state and local finance. Applications of theory to current policy issues.

0101	Aaron Szott **Meets June 1, 2009 - July 12, 2009** MW 12:30pm - 3:40pm	Seats (Total: 40) TYD 1101
0201	Erin Moody **Meets July 13, 2009 - August 23, 2009** TuWTh 6:00pm - 8:05pm	Seats (Total: 40) KEY 0116

ECON460 **Industrial Organization**

ECON460 Industrial Organization; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Changing structure of the American economy; price policies in different industrial classifications of monopoly and competition in relation to problems of public policy.

0101	Liam Malloy **Meets June 1, 2009 - July 12, 2009** TuTh 6:30pm - 9:40pm	Seats (Total: 40) TYD 0111
0201	Giorgo Sertsios **Meets July 13, 2009 - August 23, 2009** MW 9:00am - 12:10pm	Seats (Total: 40) SQH 1121

ECON470 **Theory of Labor Economics**

ECON470 Theory of Labor Economics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Credit will be granted for only one of the following: ECON370 or ECON470.* An analytical treatment of theories of labor markets. Marginal productivity theory of labor demand; allocation of time in household labor supply models; theory of human capital; earnings differentials; market structure and the efficiency of labor markets; the role of trade unions; discrimination; and unemployment.

0101	Abby Alpert	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:30pm - 9:40pm	TYD 0117

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.

0142	John Shea	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

ECON799 **Master's Thesis Research**

ECON799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Summer 2009

EDCI243 **Literature, Mass Media, and Schooling:The Formation of Group and Individual Identity**

EDCI243 Literature, Mass Media, and Schooling:The Formation of Group and Individual Identity; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.

0301	Melissa Landa	Seats (Total: 20)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 9:00am - 12:30pm	EDU 0202

EDCI385 **Computers for Teachers**

EDCI385 *(PermReq)* **Computers for Teachers; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only. A first-level survey of instructional uses of computers, software, and related technology for preservice teachers.

0501	Ayanna Baccus	Seats (Total: 20)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 4:00pm	CSS 1410
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

EDCI397 **Principles and Methods of Teaching in Elementary Schools**

EDCI397 *(PermReq)* **Principles and Methods of Teaching in Elementary Schools; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program and 2.5 GPA. For education majors only. Teaching strategies, classroom interactive techniques, and procedures for planning and evaluating instruction in elementary schools. Emphasis on principles of effective instruction, classroom management, and adaptation of instruction for various student populations.

0301	Brianne Walsh	Seats (Total: 25)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:00pm - 3:30pm	EDU 2121

EDCI405 **Art Education Methods I**

EDCI405 Art Education Methods I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: admission to teacher education program; 2.5 G.P.A.; and permission of department. For education majors only. Credit will be granted for only one of the following: EDCI300 or EDCI405. Formerly EDCI300.* Methods I provides future art teachers with a knowledge base of the theories and best practices of effective pedagogy for: teaching methods and strategies, diversity, motivational techniques, classroom management, assessment and evaluation methods, and accommodating all students including those with special needs.

IHP1	Susan Hendricks	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	

EDCI410 **Methods I: K-12 Foreign Language Methods and Technology**

EDCI410 Methods I: K-12 Foreign Language Methods and Technology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 2.5 G.P.A.; and permission of department. Not open to students who have completed EDCI330. Credit will be granted for only one of the following: EDCI330 or EDCI410. Formerly EDCI330. The first of two sequential courses required for achieving competence in teaching a foreign language. The sequel to this course is EDCI433 (Methods II) entitled: Advanced K-12 Foreign Language Methods and Technology. EDCI410 requires on-going examination of theories relevant to language acquisition. Students will also investigate the instructional methods that reflect those theories.

IHP1	Perla Blejer	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI SEC MCERT outreach Program, Shady Grove.	

EDCI411 **Knowledge, Reasoning, and Learning in Science**

EDCI411 Knowledge, Reasoning, and Learning in Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 2.5 GPA; and permission of department. Junior standing. Credit will be granted for only one of the following: EDCI370 or EDCI411. Formerly EDCI370. For prospective science teachers. Investigations of the nature of knowledge, reasoning, and learning in middle and secondary science. Readings from cognitive science and science education research; studies of student thinking in interview and classroom observations; analyses of curricula. Includes laboratory and field experiences.

IHP1	Daniel Levin	Seats (Total: 20)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	

EDCI416 **Curriculum and Instruction in Secondary Education: English Speech Theatre**

EDCI416 Curriculum and Instruction in Secondary Education: English Speech Theatre; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program; 2.5 GPA; and permission of department. Credit will be granted for only one of the following: EDCI340 or EDCI416. Formerly EDCI340. An introduction for prospective middle and secondary English teachers into the basic issues, concepts, orientations, and processes that shape the teaching of English for diverse students in schools. Candidates explore their own perspectives in relation to local and national trends and develop basic teaching understanding and skills through on-campus seminars, teaching laboratory experiences, and guided field experiences.

IHP1	Peggy Wilson	Seats (Total: 15)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	

EDCI426 **Materials and Resources in Social Studies**

EDCI426 Materials and Resources in Social Studies; (3 credits) Grade Method: REG.
Prerequisite: permission of department and 2.5 GPA. The course will emphasize the identification, appropriate selection, implementation and assessment of materials and resources that promote social studies instruction that is theory based for multiple settings.

IHP1	Kevin Meuwissen	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE

EDCI432 **Issues in the Education of English Language Learners**

EDCI432 Issues in the Education of English Language Learners; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: EDCI432 or EDCI488Q. Formerly EDCI488Q. Analysis of current research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 settings.

0201	Pamela Hickey	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 12:15pm	EDU 1121

EDCI437 **English Grammar Pedagogy for Teachers of English Language Learners**

EDCI437 English Grammar Pedagogy for Teachers of English Language Learners; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: EDCI437 or EDCI488P. Formerly EDCI488P. Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.

0101	Eunjou Oh	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:15pm	EDU 0202

EDCI443 **Literature for Children and Youth**
Contact department for information to register for this course.

EDCI457 **Teaching and Learning Middle School Mathematics**

EDCI457 Teaching and Learning Middle School Mathematics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program or permission of department; 2.5 GPA; and permission of department for post-baccalaureate students. Methods of teaching and assessing the middle school mathematics curriculum. Understanding the conceptual difficulties students have in moving from whole numbers to rational numbers, additive thinking to multiplicative thinking, and arithmetic to algebra. Lesson planning and selection of technology and other materials are applied in the context of supervised tutoring of students having difficulty in middle school mathematics.

IHP1	Julius Davis	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	

EDCI461 **Materials and Instruction for Creating Skilled and Motivated Readers, Part I**

EDCI461 *(PermReq)* **Materials and Instruction for Creating Skilled and Motivated Readers, Part I; (3 credits)** Grade Method: REG.
Prerequisite: permission of department. For Elementary Education majors only. Junior standing. Selecting, evaluating, and using a variety of materials to create skilled and motivated readers in the elementary grades; Topics include emergent literacy, vocabulary development, reading comprehension and oral reading fluency in diverse classroom settings.

0401	Mariam Dreher	Seats (Total: 25)
	Meets July 20, 2009 - August 7, 2009	
	MTuWThF 1:00pm - 4:00pm	EDU 2101

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.

Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0301	Pamela Segal	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:00am - 12:00pm	EDU 2119

EDCI498 **Special Problems in Teacher Education**

EDCI498 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI588H **Special Topics in Curriculum & Instruction; Culture and Diversity: Implications for Paraeducators in K-8 for Urban Schools.**

Contact department for information to register for this course.

EDCI588K **Special Topics in Curriculum & Instruction; Applying Culturally Relevant Teaching Pedagogy to Elementary Classrooms**

Contact department for information to register for this course.

EDCI605 **Learning and Teaching in the Physical Sciences II**

Contact department for information to register for this course.

EDCI606 **Learning and Teaching Biological Sciences**

Contact department for information to register for this course.

EDCI614 **Developing a Professional Portfolio**

EDCI614 Developing a Professional Portfolio; (3 credits) Grade Method: REG. Students will examine issues of performance assessment and develop professional portfolios following the guidelines established by the National Board of Professional Teaching Standards. Drawing on the research data collected throughout their program and relying on inquiry, reflections, and analysis, they will synthesize and present the body of their teaching experience.

0501	Maria Hyler	Seats (Total: 25)
	Meets June 22, 2009 - July 10, 2009	
	MTuWTh 1:00pm - 4:45pm	EDU 2121
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

EDCI630 **Foundations of Second Language Education: Legal, Social and Historical Trends and Issues**

EDCI630 Foundations of Second Language Education: Legal, Social and Historical Trends and Issues; (3 credits) Grade Method: REG/AUD. Knowledge of history, research, current practice and public policy issues in the field of second languague education from kindergarten to post-secondary settings. Required for TESOL certification program.

0201	Pamela Hickey	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 12:15pm	EDU 1121

EDCI632 **Special Education and Oral Language Development in TESOL**

EDCI632 Special Education and Oral Language Development in TESOL; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: EDCI 632 or EDCI 788L. Formerly EDCI788L. Understanding of pre-referal, referal, assessment and identification process, as well as instruction of English Language Learners with learning disabilities. Required for TESOL Certification program.

IHP1	Susan Bresee	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:00pm - 7:45pm Class time/details on ELMs	EDU 2121 ONLINE
	Prerequisite: permission of department. Outreach Offering for PGCPS Cohort: Literacy Coach Program. Contact aberman2@umd.edu.	

EDCI633 **Teaching for Cross Cultural Communication**

EDCI633 Teaching for Cross Cultural Communication; (3 credits) Grade Method: REG.

Techniques and content for teaching in foreign language classes, and English as a second language (ESL) classes. Research and evaluation of selected aspects of a culture as basis for creating teaching materials.

02SG	Howard Stein	Seats (Total: 10)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
IHP1	Howard Stein	Seats (Total: 20)
	Meets July 13, 2009 - August 7, 2009	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	Departmental Permission Required. EDCI SEC MCERT Outreach Program, Shad Grove.	

EDCI634 **Methods of Teaching ESOL**

EDCI634 Methods of Teaching ESOL; (3 credits) Grade Method: REG.

This course presents a survey of the historical and current approaches, methods, and techniques of teaching English to speakers of other languages, from grammar to translation to audiolingual and communicative approaches. Additionally, successful classroom practices that address the needs of culturally diverse and language minority students will be analyzed.

01SG	Roberta Lavine	Seats (Total: 10)
	Meets June 8, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm	Location: TBA

IHP1	Roberta Lavine	Seats (Total: 20)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Contact instructor or department for details.	Location: TBA
	Departmental Permission Required. EDCI SEC MCERT Outreach Program, Shad Grove.	

EDCI635 **English Grammar for Teachers of English to Speakers of Other Languages**

EDCI635 English Grammar for Teachers of English to Speakers of Other Languages; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. English grammar and methods of teaching grammar for graduate, prospective and current teachers of English to speakers of other languages. Analysis of the major grammatical structures of American English. Discussion of the role of teaching grammar, and effective classroom methods and techniques for the English as a second/foreign language classroom.

0101	Eunjou Oh	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:15pm	EDU 0202

EDCI638 **Teaching ESOL Reading and Writing in Secondary Content Areas; Teaching English Learners Reading and Writing in the Secondary Content Areas.**

EDCI638 Teaching ESOL Reading and Writing in Secondary Content Areas: Teaching English Learners Reading and Writing in the Secondary Content Areas.; (3 credits) Grade Method: REG.

02SG	Julian Chen, Shannon Daniel	Seats (Total: 10)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 9:00am - 12:00pm	Location: TBA
IHP1	Kia McDaniel	Seats (Total: 30)
	Meets July 13, 2009 - August 21, 2009	
	TuTh 5:00pm - 7:45pm	Location: TBA
	Prerequisite: permission of department. Outreach Offering for MCPS Cohort: Literacy Coach Program. Contact aberman2@umd.edu.	

IHP2	Anthony Adawu	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 7:45pm	EDU 2119
	Prerequisite: permission of department. Outreach offering for PGCPS Cohort: Literacy Coach Program. Contact aberman2@umd.edu.	
IHP3	Julian Chen, Shannon Daniel	Seats (Total: 20)
	Meets July 13, 2009 - August 7, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE

EDCI642 **Communications and the School Curriculum**

EDCI642 Communications and the School Curriculum; (3 credits) Grade Method: REG/AUD.

Curriculum development based on communication as the major vehicle for describing the learner's interactions with persons, knowledge, and materials in the classroom and school environment.

IS11	Patricia Stock, Joseph McCaleb	Seats (Total: 14)
	Meets June 17, 2009 - June 30, 2009	
	MTuWThF 8:30am - 3:30pm	Location: TBA
	Professional Development Outreach Offering for participants of the National Writing Project Open Institute.	

EDCI643 **Teaching Language Arts in Elementary Schools**

EDCI643 Teaching Language Arts in Elementary Schools; (3 credits) Grade Method: REG/AUD.

Analysis of current issues, trends, and problems in language-arts instruction.

IHP1	Summer Clark	Seats (Total: 21)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI ELEM MCERT Outreach Program, Shady Grove.	

IHP2	Lisa Stevens	Seats (Total: 21)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI ELEM MCERT Outreach Program, Shady Grove.	

EDCI650 **Trends in Mathematics Education**
Contact department for information to register for this course.

EDCI653 **Developing Understanding in Mathematics**

EDCI653 Developing Understanding in Mathematics; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI352 or or equivalent; exper. teaching math k-8. Instructional principles, research, and methods supporting the mathematical learning of all children and fostering mathematical understanding via the process standards of problem solving, reasoning, communication, connections, and representation. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0501	Lisa Bote	Seats (Total: 20)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 9:00am - 12:00pm	EDU 2121
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

EDCI654 **Assessing Mathematical Understanding**

EDCI654 Assessing Mathematical Understanding; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI 650 or permission of department. Techniques of assessing k-12 students' understanding of mathematics - including standardized tests, but focusing on alternative forms such as individual interviews, writing tasks, performance tasks, portfolios. Mathematics assessment viewed as an ongoing part of instruction.

IHP1	Elzora Bellamy	Seats (Total: 17)
	Meets July 3, 2009 - July 23, 2009	
	MTuWThF 5:15pm - 8:00pm Class time/details on ELMs	Location: TBA ONLINE
	Outreach MATH PGCPS Partnership Program. Prerequisite: permission of department.	

EDCI655 **Teaching and Learning Algebra in the Middle School**
Contact department for information to register for this course.

EDCI656 **Teaching and Learning Statistics in the Middle School**

EDCI656 *(PermReq)* **Teaching and Learning Statistics in the Middle School; (3 credits)** Grade Method: REG.
Prerequisite: Admission to M.Ed. or M.A. program in EDCI with concentration in Mathematical Education. Designed to enhance both the pedagogical and statistical/data analysis content knowledge of middle school mathematics teachers.

IHP1	Whitney Johnson	Seats (Total: 17)
	Meets June 2, 2009 - July 2, 2009	
	Class time/details on ELMs	ONLINE
	Outreach MATH PGCPS Partnership Program. Prerequisite: permission of department.	

EDCI661 **Content Area Reading**

EDCI661 *(PermReq)* **Content Area Reading; (3 credits)** Grade Method: REG/AUD.
Prerequisite: EDCI 362 or EDCI 463 or equivalent. Research-based strategies for improving reading to learn in the content areas (K-12).

IHP1	Olivia Saracho	Seats (Total: 35)
	Meets July 13, 2009 - August 7, 2009	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	
IHP2	Olivia Saracho	Seats (Total: 35)
	Meets July 13, 2009 - August 7, 2009	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	EDCI SEC MCERT Outreach Program, Shady Grove.	

EDCI662 **Diagnostic Reading Assessment and Instruction**

EDCI662 Diagnostic Reading Assessment and Instruction; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Survey course in diagnostic reading assessment and instruction for graduate students not majoring in reading.

IHP1	Wayne Slater	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 7:45pm	ONLINE
	Prerequisites: permission of department. Outreach offering for BCPS Cohort: Literacy Coach Program. Contact aberman2@umd.edu	
IHP2	Ann Schweighofer	Seats (Total: 21)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Departmental Permission Required. EDCI ELEM MCERT Outreach Program, Shady Grove.	
IHP3	Ann Schweighofer	Seats (Total: 21)
	Meets July 13, 2009 - August 6, 2009	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI ELEM MCERT Outreach Program, Shady Grove.	

EDCI687 **Applications of Computers in Instructional Settings**

EDCI687 *(PermReq)* **Applications of Computers in Instructional Settings; (3 credits)** Grade Method: REG.
Review and analysis of instructional software and computer-based learning environments from the standpoint of teaching, learning, and design theories. Integration of instructional and tool software into classroom settings. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0501	Ayanna Baccus	Seats (Total: 20)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 4:00pm	VMH 2203
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

EDCI688C **Special Topics in Curriculum and Instruction; Teaching and Learing Geometry in the Middel Grades**

EDCI688C Special Topics in Curriculum and Instruction: Teaching and Learing Geometry in the Middel Grades; (3 credits) Grade Method: REG.

IHP1	Richard Hollenbeck	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
	Outreach MCPS Partnership Program, Shady Grove.	

EDCI688G **Special Topics in Curriculum and Instruction; Leadership in Literacy Education**
Contact department for information to register for this course.

EDCI688I **Special Topics in Curriculum and Instruction; Building Schools Through Arts Integration**

EDCI688I Special Topics in Curriculum and Instruction: Building Schools Through Arts Integration; (3 credits) Grade Method: REG.
Open to AACPS teachers involved in AA Arts Integration Summer Seminar. C ontact aberman2@umd.edu.

IHP1	Margaret Walker	Seats (Total: 10)
	Meets July 26, 2009 - July 31, 2009	
	Contact instructor or department for details.	
	Open to AACPS teachers involved in MATI. Contact aberman2@umd.edu.	
IHP2	Margaret Walker	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
	Open to all other teachers who are involved in the MATI institute. Contact aberman2@umd.edu	

EDCI688J **Special Topics in Curriculum and Instruction; Adolescent Learning and Development**

EDCI688J Special Topics in Curriculum and Instruction: Adolescent Learning and Development; (1-3 credits) Grade Method: REG/AUD.

IHP1	Malayna Bernstein **Meets June 9, 2009 - July 10, 2009** MTuWTh 1:00pm - 4:00pm Class time/details on ELMs *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 35) Location: TBA ONLINE
IHP2	Maria Hyler **Meets June 9, 2009 - July 10, 2009** MTuWTh 1:00pm - 4:00pm Class time/details on ELMs *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 35) Location: TBA ONLINE

EDCI688N **Special Topics in Curriculum and Instruction; Pedagogical Experts in Educational Technologies for Teaching Science**

EDCI688N *(PermReq)* **Special Topics in Curriculum and Instruction: Pedagogical Experts in Educational Technologies for Teaching Science; (1-3 credits)** Grade Method: REG/AUD.

IHP1	Mike Stieff **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details. *Outreach Offering. PGCPS Teacher Professional Development in Chemistry*	Seats (Total: 23)

EDCI688Q **Special Topics in Curriculum and Instruction; Teaching Literacy Across the Curriculum with 21st Century Technologies**

EDCI688Q Special Topics in Curriculum and Instruction: Teaching Literacy Across the Curriculum with 21st Century Technologies; (1-3 credits) Grade Method: REG/AUD.

IHP1	Joseph McCaleb **Meets June 22, 2009 - July 20, 2009** Contact instructor or department for details. *Professional Development Outreach Offering, National Writing Project. Dept. Permission required. Contact aberman2@umd.edu.*	Seats (Total: 20)

IHP2	Joseph McCaleb	Seats (Total: 20)
	Meets July 20, 2009 - July 23, 2009	
	Contact instructor or department for details.	
	Professional Development Outreach Offering, National Writing Project. Dept. Permission required. Contact aberman2@umd.edu.	
IHP3	Joseph McCaleb	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
	Professional Development Outreach Offering, National Writing Project. Dept. Permission required. Contact aberman2@umd.edu.	

EDCI689 **Teaching Internship**

EDCI689 *(PermReq)* **Teaching Internship; (1-9 credits)** Grade Method: REG/AUD.

IHP1	Susan Hendricks	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	ART, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	
IHP2	Peggy Wilson	Seats (Total: 18)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	ENGLISH, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	
IHP3	Perla Blejer	Seats (Total: 11)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	FOREIGN LANG, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	
IHP4	Susan DePlatchett	Seats (Total: 10)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	MATH, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	

IHP5	Stacy Pritchett **Meets June 9, 2009 - July 10, 2009** Contact instructor or department for details. *SCIENCE, MCERT Secondary 2008 Cohort Offering, Departmental Permission Required.*	Seats (Total: 10)
IHP6	Lisa Katz **Meets June 9, 2009 - July 10, 2009** Contact instructor or department for details. *SOCIAL STUDIES, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.*	Seats (Total: 15)
IHP7	Colleen Gallagher **Meets June 9, 2009 - July 10, 2009** Contact instructor or department for details. *TESOL, MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.*	Seats (Total: 10)

EDCI690 **Teaching as a Profession**

EDCI690 Teaching as a Profession; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* The profession of teaching and the knowledge base that defines teaching. Current and social issues that affect teaching and learning; role of research and experience in learning to teach.

IHP1	Leslie Gettier, Lisa Eaker **Meets May 19, 2009 - June 23, 2009** Tu 9:00am - 3:00pm Contact instructor or department for details. *MCERT Elem 2008 Cohort Outreach Offering, Departmental Permission required.*	Seats (Total: 25) Location: TBA
IHP2	Christopher Garran **Meets June 9, 2009 - July 10, 2009** Contact instructor or department for details. *MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.*	Seats (Total: 30)

IHP3	Saroja Barnes, Thomas Anderson	Seats (Total: 30)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	
IHP4	Susan DePlatchett	Seats (Total: 30)
	Meets June 9, 2009 - July 10, 2009	
	Contact instructor or department for details.	
	MCERT Secondary 2008 Cohort Outreach Offering, Departmental Permission Required.	

EDCI695 **Teaching Science and Social Studies through Environmental Study**

EDCI695 Teaching Science and Social Studies through Environmental Study; (3 credits) Grade Method: REG/AUD.
For EDCI majors only. Curriculum and instruction for science and social studies within a multicultural and environmental context; analysis of social studies and science curriculum materials; utilization of school and community resources.

IHP1	Rosario Fazio	Seats (Total: 14)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	Prerequisite: permission of department. Outreach CITE Program offering, MCPS. Contact aberman2@umd.edu.	

EDCI696 **Conducting Research on Teaching**
Contact department for information to register for this course.

EDCI697 **Embracing Diversity in Classroom Communities**

EDCI697 Embracing Diversity in Classroom Communities; (3 credits) Grade Method: REG/AUD.
03 semester hours. The course aims to help students understand race, class, gender, and sexuality as systems of privilege, exclusion, marginalization, and the centrality of embracing diversity in the classroom communities to promote the success of all students.

IHP1	Tommy Totten **Meets June 9, 2009 - July 10, 2009** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI ELEM MCERT Outreach Program, Shady Grove.*	Seats (Total: 21) Location: TBA
IHP2	Sara Makris **Meets June 9, 2009 - July 10, 2009** MTuWTh 9:00am - 12:00pm Contact instructor or department for details. *EDCI ELEM MCERT Outreach Program, Shady Grove.*	Seats (Total: 21) Location: TBA
IHP3	Erica Johnson **Meets July 13, 2009 - August 7, 2009** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 35) Location: TBA
IHP4	Summer Carrol **Meets July 13, 2009 - August 7, 2009** MTuWTh 9:00am - 12:00pm Contact instructor or department for details. *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 35) Location: TBA

EDCI698 **Conducting Research on Teaching**

EDCI698 Conducting Research on Teaching; (1-3 credits) Grade Method: REG.

IHP1	Connie North, Melissa Landa **Meets June 9, 2009 - July 10, 2009** Contact instructor or department for details. Class time/details on ELMs *MCERT Elem 2008 Cohort Outreach Offering, Departmental Permission Required*	Seats (Total: 25) ONLINE

EDCI761 **Advanced Clinical Practices in Reading Assessment**

EDCI761 Advanced Clinical Practices in Reading Assessment; (3 credits) Grade Method: REG/AUD.

Prerequisite: EDCI 665. Corequisite: EDCI 762. Clinical practicum in assessment focusing on strengths and needs in reading. Case report writing and conferences.

0101	Rose Codling	Seats (Total: 15)
	Meets June 22, 2009 - July 30, 2009	
	MTuWTh 8:00am - 11:00am	Location: TBA
	This section will be held at Pine Crest Elementary School.	

EDCI762 **Advanced Clinical Practices in Reading Instruction**

EDCI762 Advanced Clinical Practices in Reading Instruction; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI 665. Corequisite: EDCI 761. Clinical practicum in instruction focusing on instructional techniques and diagnostic teaching.

0101	Rose Codling	Seats (Total: 15)
	Meets June 22, 2009 - July 30, 2009	
	MTuWTh 11:00am - 2:00pm	Location: TBA

EDCI763 **Reading, Cognition, and Instruction: Reading in the Content Areas I**

EDCI763 Reading, Cognition, and Instruction: Reading in the Content Areas I; (3 credits) Grade Method: REG.
Provide secondary education students with an understanding of the interactive nature of the reading process, the use of search based instructional strategies, the relationship between vocabulary development and student concept development, the design of strategic reading instruction, the methods for assessing content area literacy, and the ability to plan instruction and communicate with students, parents, and allied professionals.

IHP1	Wayne Slater	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	MW 5:00pm - 7:45pm Class time/details on ELMs	Location: TBA ONLINE
	Outreach Literacy Coaching Offering. Dept Permission Required - contact aberman2@umd.edu.	

EDCI764 **Writing Across the Curriculum**

EDCI764 *(PermReq)* **Writing Across the Curriculum; (3 credits)** Grade Method: REG.

Emphasis on providing secondary education majors with an interdisciplinary foundation in current theory, research, and best practice focused on the teaching of writing across the curriculum, e.g.,art, English, foreign languages and TESOL, language arts, mathematics, music, sciences, and social studies. Exceptional student, inclusion, and diversity issues w ill be discussed.

IS11	Joseph McCaleb	Seats (Total: 30)
	Meets June 22, 2009 - July 17, 2009	
	MTuWTh 8:30am - 11:30am	Location: TBA
	Professional Development Outreach Offering, National Writing Project. epartment Approval Required.	

EDCI765 **Prcesses and Acquisition of Reading**

EDCI765 Prcesses and Acquisition of Reading; (3 credits) Grade Method: REG/AUD.

For Masters Certification Students only. Provide elementary education certification candidates with an understanding of reading acquisition and its underlying processes. Topics include language development in relation to reading development; the biological basis of this development; concepts in emergent literacy; models of reading acquisition and skilled reading; the effects of phonemic awareness in phonics on developing readers; factors in early childhood environments and in beginning literacy instruction that impact language and literacy achievement.

IHP1	Ann Dromsky	Seats (Total: 21)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI ELEM MCERT Outreach Program, Shady Grove.	
IHP2	Ann Dromsky	Seats (Total: 21)
	Meets June 9, 2009 - July 10, 2009	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI ELEM MCERT Outreach Program, Shady Grove.	

EDCI776 **Urban Education**

EDCI776 Urban Education; (3 credits) Grade Method: REG/AUD.
This seminar provides students with a broad overview of urban education as a field of inquiry by examining the social context of urban schools, how transformative pedagogy is practiced and conceptualized as well as school reform.

0201	Victoria MacDonald	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 1:00pm - 4:10pm	EDU 2212B

EDCI784 **Teaching, Professional Development and School Change**

EDCI784 *(PermReq)* **Teaching, Professional Development and School Change; (3 credits)** Grade Method: REG/AUD.
Examines currrent scholarship on professional development for K-12 teachers, characteristics of good professional development, and its relationship to teaching, learning, and school improvement.

IS12	Patricia Stock	Seats (Total: 30)
	Meets June 22, 2009 - July 17, 2009	
	MTuWTh 12:30pm - 3:30pm	Location: TBA
	Professional Development Outreach Offering, National Writing Project. epartment Approval Required.	

EDCI788 **Selected Topics in Teacher Education**

EDCI788 *(PermReq)* **Selected Topics in Teacher Education; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI788D **Selected Topics in Teacher Education; Coaching Writing in the Teacher Inquiry Workshop**

EDCI788D Selected Topics in Teacher Education: Coaching Writing in the Teacher Inquiry Workshop; (1-3 credits) Grade Method: REG/AUD.

IHP1	Joseph McCaleb, Patricia Stock	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
	Professional Development Outreach Offering, National Writing Project. Dept. Permission required. This course will meet by arrangement in connection with the Summer Institute with most sessions followings th e day's work. Location: MLK, Jr. Middle School. Contact aberman2@umd.edu.	

EDCI788L **Selected Topics in Teacher Education; Crossing Borders, Breaking Boundaries: Summer Institute**

EDCI788L Selected Topics in Teacher Education: Crossing Borders, Breaking Boundaries: Summer Institute; (3 credits) Grade Method: REG.

0201	Susan Hendricks	Seats (Total: 10)
	Meets July 13, 2009 - August 21, 2009	
	Contact instructor or department for details.	

EDCI788W **Selected Topics in Teacher Education; Teaching ESOL Reading and Writing in the Second Content Areas**

Contact department for information to register for this course.

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI798I **Special Problems in Teacher Education; International Study of Teaching and Learning Environments**

Contact department for information to register for this course.

EDCI799 **Master's Thesis Research**

EDCI799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI888 **Apprenticeship in Education**

EDCI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI889 **Internship in Education**

EDCI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research**

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI899 **Doctoral Dissertation Research**

EDCI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services Summer 2009

EDCP108B **College and Career Advancement: Concepts and Skills; Academic Skills**

EDCP108B College and Career Advancement: Concepts and Skills: Academic Skills; (1 credit) Grade Method: REG/P-F/AUD.

0101	Barbara Goldberg, Janet Thiel	Seats (Total: 150)
	Meets June 1, 2009 - June 26, 2009	
	MTuWTh 9:00am - 10:00am	JMZ 0220

EDCP108E **College and Career Advancement: Concepts and Skills**

EDCP108E College and Career Advancement: Concepts and Skills; (1 credit) Grade Method: REG/P-F/AUD.

0201	Tilahun Beyene	Seats (Total: 130)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

EDCP310 **Peer Counseling Theory and Skills**

EDCP310 Peer Counseling Theory and Skills; (3 credits) Grade Method: REG/P-F/AUD.
The theories and skills of peer helping relationships. Counseling theories and skills at a level appropriate for students seeking basic level training for use in peer counseling settings.

0101	Emily Gustafson	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 9:00am - 12:15pm	EDU 3233

EDCP315 **Student Leadership in Groups and Organizations**

EDCP315 Student Leadership in Groups and Organizations; (3 credits) Grade Method: REG/P-F/AUD.
Recommended: EDCP217. Acquiring and integrating leadership knowledge within group and organizational contexts so that students can navigate organizational environments and apply leadership in diverse communities of practice and career contexts.

0101	Elizabeth Niehaus	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:20pm	SKN 1112
	Students must pay $38 materials fee.	

EDCP386 **Experiential Learning**

EDCP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

EDCP498 **Special Problems in Counseling and Personnel Services**
Contact department for information to register for this course.

EDCP499B **Workshops, Clinics, Institutes; Job Development and Job Placement Skills**
Contact department for information to register for this course.

EDCP611 **Career Development Theory and Programs**

EDCP611 Career Development Theory and Programs; (3 credits) Grade Method: REG/AUD.
Research and theory related to career and educational decisions; programs of related information and other activities in career decision.

0101	Dennis Kivlighan	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MW 3:40pm - 7:00pm	ASY 3219

EDCP617 **Group Counseling**

EDCP617 Group Counseling; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCP 616. A survey of theory, research and practice of group counseling and psychotherapy, with an introduction to growth groups and the laboratory approach, therapeutic factors in groups, composition of therapeutic groups, problem clients, therapeutic techniques, research methods, theories, ethics and training of group counselors and therapists.

0101	Courtland Lee	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 3:40pm - 7:00pm	EDU 2101

EDCP618 **Counseling Skills: Introduction to Practicum**

EDCP618 *(PermReq)* **Counseling Skills: Introduction to Practicum; (3 credits)** Grade Method: REG/AUD.
Open only to the Navy LEAD cohort. Departmental permission required.

0101	Dennis Kivlighan	Seats (Total: 20)
	Meets June 1, 2009 - July 10, 2009	
	TuTh 9:00am - 12:00pm	TYD 0111
	Class time/details on ELMs	ONLINE

EDCP631 **Serving Culturally and Linguistically Diverse Clients in the Schools**

EDCP631 *(PermReq)* **Serving Culturally and Linguistically Diverse Clients in the Schools; (3 credits)** Grade Method: REG.
Prerequisite: limited to school psychology and counselor education students only.
Conceptual and empirical literature about racially, ethnically, culturally, and linguistically diverse clients. Examination and integration of cross-cultural literature. This course is limited to school psychology students or permission of the department.

0101	Alfred Amado	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:15pm	EDU 2102

EDCP656 **Counseling and Personnel Services Seminar**

EDCP656 Counseling and Personnel Services Seminar; (2 credits) Grade Method: REG/AUD.
Examination of issues that bear on professional issues such as ethics, interprofessional relationships and research.

0201	Courtland Lee	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 3:40pm - 7:00pm	EDU 1210B

EDCP668B **Special Topics in Rehabilitation; Job Development and Job Placement Skills**
Contact department for information to register for this course.

EDCP668J **Special Topics in Rehabilitation; Job Development**

EDCP668J *(PermReq)* **Special Topics in Rehabilitation: Job Development; (3-6 credits)** Grade Method: REG.
Open to all Rehabilitation students only.

0101	Ellen Fabian	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

EDCP694 **Student Leadership Development**

EDCP694 *(PermReq)* **Student Leadership Development; (3 credits)** Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDCP694 or EDCP789D. Formerly EDCP789D. Explores the development of leadership among college students including the study of leadership theory; a focus on how leadership is learned and developed; cultural demensions of leadership; and exposure to the current national scene in leadership associations, programs, and resources. Open to Navy Lead Students Only. Departmental permission required.

0201	Kristan Skendall, Matthew Johnson	Seats (Total: 15)
	Meets July 13, 2009 - August 21, 2009	
	TuTh 9:00am - 12:00pm	EDU 1315
	Class time/details on ELMs	ONLINE

EDCP771 **The College Student**

EDCP771 *(PermReq)* **The College Student; (3 credits)** Grade Method: REG/AUD.
A demographic study of the characteristics of college students as well as a study of their aspirations, values, and purposes. Open only to the Navy LEAD cohort. Departmental permission required.

0101	Kristan Skendall	Seats (Total: 20)
	Meets June 1, 2009 - July 10, 2009	
	TuTh 1:00pm - 4:00pm	EDU 0202
	Class time/details on ELMs	ONLINE

EDCP775 **Facilitating Student Learning in Higher Education**

EDCP775 *(PermReq)* **Facilitating Student Learning in Higher Education; (3 credits)** Grade Method: REG/AUD.
Prerequisite: EDCP771 or permission of department. Doctoral standing. Application of selected models of college student development, learning styles, and related models of instruction to the assessment of characteristics and the design of learning environments. Open to Navy Lead students only. Departmental permission required.

0201	Marcia Marinelli	Seats (Total: 20)
	Meets July 13, 2009 - August 21, 2009	
	TuTh 1:00pm - 4:00pm	BPS 1103
	Class time/details on ELMs	ONLINE
	Open to LEAD students only, departmental permission required.	

EDCP789W **Advanced Topics in Counseling and Personnel Services; Introduction to Mental Disorders**

EDCP789W Advanced Topics in Counseling and Personnel Services: Introduction to Mental Disorders; (3 credits) Grade Method: REG.

0101	Paul Gold	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MW 3:40pm - 7:00pm	EDU 3233

EDCP798 **Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798C **Special Problems in Counseling and Personnel Services; Capstone Project**
Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888A **Apprenticeship in Counseling and Personnel Services; College Student Personnel**

EDCP888A Apprenticeship in Counseling and Personnel Services: College Student Personnel; (3 credits) Grade Method: REG/AUD.

0101	Marsha Guenzler-Stevens	Seats (Total: 12)
	Meets June 1, 2009 - August 11, 2009	
	M 2:00pm - 5:00pm	EDU 1210B
	Contact instructor or department for details.	

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD Education, Human Development Summer 2009

EDHD306 **Research Methods in Human Development**

EDHD306 Research Methods in Human Development; (3 credits) Grade Method: REG.

Addresses the scientific concepts and principles central to the study of human behavior and development. Students will learn about basic research methods in studying human behavior in developmental context and will participate in experiential activities, such as conducting observations and collecting self-report data. Major themes: goals of developmental research, fundamental research designs, types of measurement, elements of good scientific writing, and ethical issues in the study of human development.

0201	Daniel Dinsmore **Meets July 13, 2009 - August 23, 2009** TuTh 12:30pm - 3:40pm	Seats (Total: 35) EDU 3315

EDHD320 **Human Development Through the Life Span**

EDHD320 Human Development Through the Life Span; (3 credits) Grade Method: REG/AUD.

Central concepts related to parameters of human development, individual and social, which arise throughout the life span. Continuity and change within the developing individual.

0101	Robert Marcus **Meets June 1, 2009 - July 12, 2009** MW 12:30pm - 3:40pm	Seats (Total: 30) EDU 3315
0102	Meghan Parkinson **Meets June 1, 2009 - July 12, 2009** TuTh 4:15pm - 7:30pm	Seats (Total: 30) EDU 3315

EDHD411 **Child Growth and Development**

EDHD411 Child Growth and Development; (3 credits) Grade Method: REG/AUD.

Theoretical approaches to and empirical studies of physical, psychological and social development from conception to puberty. Implications for home, school and community.

0101	Brenda Jones Harden	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:40pm	EDU 1121

EDHD413 **Adolescent Development**

EDHD413 Adolescent Development; (3 credits) Grade Method: REG/P-F/AUD. Adolescent development, including special problems encountered in contemporary culture. Observational component and individual case study.

0101	Albert Gardner	Seats (Total: 26)
	Meets June 1, 2009 - July 12, 2009	
	MW 12:30pm - 3:40pm	EDU 2102

EDHD425 **Language Development and Reading Acquisition**

EDHD425 Language Development and Reading Acquisition; (3 credits) Grade Method: REG.
This course focuses on young children's language development and the relationship between language and reading acquisition. Students will learn: concepts central to language development; language achievements at different ages; concepts of emergent literacy; models of reading acquisition and skilled reading.

0201	Meghan Parkinson	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 12:30pm - 3:40pm	EDU 1121

EDHD430 **Adolescent Violence**

EDHD430 Adolescent Violence; (3 credits) Grade Method: REG/AUD. *Prerequisite: PSYC100 or permission of department.* Examines the roots of violence among adolescents and the extent to which this constitutes a problem in various settings. Research studies on its origins, prevention and intervention and implications for social policy are examined.

0101	Robert Marcus	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 4:00pm - 7:10pm	EDU 1107

EDHD445 **Guidance of Young Children**

EDHD445 Guidance of Young Children; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PSYC100 or permission of department.* Practical aspects for helping and working with children, drawing on research, clinical studies, and observation. Implications for day care and other public issues.

0101	Megan Kelly	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 9:30am - 12:40pm	JMZ 0205

EDHD460 **Educational Psychology**

EDHD460 Educational Psychology; (3 credits) Grade Method: REG. *Prerequisite: PSYC100 or permission of department.* Application of psychology to learning processes and theories. Individual differences, measurement, motivation, emotions, intelligence, attitudes, problem solving, thinking and communicating in educational settings. (May not be substituted for EDHD300 by students in professional teacher education programs.)

0101	Daniel Dinsmore	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:30pm - 3:40pm	EDU 2119

EDHD489 **Field Experiences in Education**

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD498 **Special Problems in Education**

EDHD498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD602 **Social Bases of Behavior**

Contact department for information to register for this course.

EDHD789 **Internship in Human Development**

EDHD789 Internship in Human Development; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD798 **Special Problems in Education**

EDHD798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD799 **Master's Thesis Research**

EDHD799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD888 **Apprenticeship in Education**

EDHD888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD889 **Internship in Education**

EDHD889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD898 **Pre-Candidacy Research**

EDHD898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD899 **Doctoral Dissertation Research**

EDHD899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI Education Leadership, Higher Ed and International Ed — Summer 2009

EDHI488A **Special Topics in Education Policy and Administration; Education for Global Peace**

EDHI488A Special Topics in Education Policy and Administration: Education for Global Peace; (3 credits) Grade Method: REG/P-F/AUD.

0101	Barbara Wien, Jing Lin	Seats (Total: 20)
	Meets July 6, 2009 - July 10, 2009	
	MTuWThF 9:00am - 4:30pm	Location: TBA

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI498 **Special Problems in Education**

EDHI498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD.

0229	Robert Waters	Seats (Total: 1)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

EDHI670 **Learning Communities**

EDHI670 Learning Communities; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI670, EDPL670, or EDPS670. Formerly EDPL670. Reviews contemporary research on student and teacher learning and schools as learning organizations. It aims to build students understanding of opportunities and challanges to implementing learning environments in various educational organizations. Readings, cases and assignments emphasize students' understanding of learning theories and their application to various organizational settings.

0101	Allan Arbogast	Seats (Total: 20)
	Meets June 1, 2009 - July 8, 2009	
	MW 6:30pm - 9:30pm	EDU 1315

EDHI671 **Education Law and Policy**

EDHI671 Education Law and Policy; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI671, EDPL671, or EDPS671. Formerly EDPL671. An examination of the way judicial interpretation of common, statutory, and constitutional law shapes and constrains educational policy making. Special emphasis on topics framed under the headings of liberalism and legalism.

0101	Syndy Shilling	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:00pm - 7:15pm	EDU 1107

EDHI672 **Modes of Inquiry in Education Research**

EDHI672 Modes of Inquiry in Education Research; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI672, EDPL672, or EDPS672. Formerly EDPL672. Introduction to modes of inquiry appropriate to research on issues and problems in education. Examination of qualitative, quantitative and mixed research methods and designs with a focus on related standards of quality. This course contains a Blackboard/ELMS component.

0101	Steven Klees, Jing Lin	Seats (Total: 20)
	Meets June 1, 2009 - June 18, 2009	
	MWTh 3:00pm - 6:30pm	EDU 1315

EDHI673 **Economic Evaluation of Education**

EDHI673 Economic Evaluation of Education; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: EDHI673, EDPL673, or EDPS673. Formerly EDPL673.* Examination and application of economic approaches - cost, cost-effectiveness, and cost-benefit analysis - to the evaluation of education programs and policies.

0201	Steven Klees	Seats (Total: 20)
	Meets August 3, 2009 - August 20, 2009	
	M 4:00pm - 8:00pm	EDU 0202
	Th 9:00am - 5:15pm	EDU 0202

EDHI679 **Master's Seminar**

EDHI679 Master's Seminar; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI681 **Education for Global Peace**

EDHI681 Education for Global Peace; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: EDHI681, EDPL681, or EDPS681. Formerly EDPL681.* This course will examine how education can address the threats of violence and wars. It prepares students to teach about peace, nonviolence, and conflict resolution, and also to analyze and implement changes in school and society to contribute to peace and non-violence.

0101	Barbara Wien, Jing Lin	Seats (Total: 20)
	Meets July 6, 2009 - July 10, 2009	
	MTuWThF 9:00am - 4:30pm	Location: TBA
	This class will meet in EDU 3236 from 9am-330pm. The class will then move to EDU 3112B from 330pm-430pm.	

EDHI689 **Practicum In Educational Administration and Supervision**

EDHI689 Practicum In Educational Administration and Supervision; (1-3 credits) Grade Method: S-F.

0105	Patricia Richardson **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 20)
0124	Helene Cohen **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0205	Patricia Richardson **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0224	Helene Cohen **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

EDHI700 **Qualitative Research Methods in Education**

EDHI700 Qualitative Research Methods in Education; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI700, EDPL700, or EDPS700. Formerly EDPL700. Qualitative methods in education research, emphasizing the paradigms of philosophy, history, sociology, anthropology, and comparative studies as they rely on narrative rather than quantitative ordering of data.

0101	Deepa Srikantaiah, Brian Porter **Meets June 1, 2009 - July 12, 2009** MW 3:45pm - 7:00pm	Seats (Total: 20) EDU 2101

EDHI701 **Applied Research and Data Based Decision Making**

EDHI701 Applied Research and Data Based Decision Making; (3 credits) Grade Method: REG/AUD.
Prerequisite: Introductory knowledge of statistics. Credit will be granted for only one of the following: EDHI701, EDPL701, or EDPS701. Formerly EDPL701. Examines quantitative research methodologies and data systems used by ed ucation researchers and leaders to investigate, develop and improve scho ol policies and practices.

0101	Marvin Titus	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:00pm - 7:20pm	EDU 3233

EDHI788B **Special Topics in Education Policy and Administration; Proposal Writing Seminar**
Contact department for information to register for this course.

EDHI788I **Special Topics in Education Policy and Administration; The Role of the Educational Leader in Managing and Integrating Technology in Organizations**
Contact department for information to register for this course.

EDHI788P **Special Topics in Education Policy and Administration; Academic Profession**

EDHI788P Special Topics in Education Policy and Administration: Academic Profession; (3 credits) Grade Method: REG/AUD.

0101	KerryAnn O'Meara	Seats (Total: 20)
	Meets May 21, 2009 - June 4, 2009	
	MTuWThF 10:00am - 2:00pm	EDU 2101

EDHI798 **Special Problems in Education**

EDHI798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI898 **Pre-Candidacy Research**
Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS Measurement, Statistics, and Evaluation — Summer 2009

EDMS451 **Introduction to Educational Statistics**

EDMS451 Introduction to Educational Statistics; (3 credits) Grade Method: REG/AUD.
Sophomore standing. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introduction to statistical reasoning; location and dispersion measures; computer applications; regression and correlation; formation of hypotheses tests; t-test; one-way analysis of variance; analysis of contingency tables. Must be Junior Standing.

0101	Youngmi Cho **Meets June 1, 2009 - July 12, 2009** MTuWTh 2:00pm - 3:40pm	Seats (Total: 40) EDU 0212
0201	George Macready **Meets July 13, 2009 - August 23, 2009** MTuWTh 2:00pm - 3:40pm	Seats (Total: 40) EDU 0212

EDMS645 **Quantitative Research Methods I**

EDMS645 Quantitative Research Methods I; (3 credits) Grade Method: REG/AUD. Research design and statistical applications in educational research: data representation; descriptive statistics; estimation and hypothesis testing. Application of statistical computer packages is emphasized.

0101	Andre Rupp **Meets June 1, 2009 - July 12, 2009** MW 5:00pm - 8:40pm	Seats (Total: 30) EDU 0212
0201	George Macready **Meets July 13, 2009 - August 23, 2009** MTuWTh 5:00pm - 6:40pm	Seats (Total: 30) EDU 0212

EDMS646 **Quantitative Research Methods II**

EDMS646 Quantitative Research Methods II; (3 credits) Grade Method: REG/AUD. *Prerequisite: EDMS 645.* A second-level inferential statistics course with emphasis on analysis of variance procedures and designs. Assignments include student analysis of survey data. Application of statistical computer packages is emphasized.

0101	Jeffrey Harring	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:00pm - 8:40pm	EDU 1121

EDMS798 **Special Problems in Education**

EDMS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS799 **Master's Thesis Research**

EDMS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS889 **Internship in Measurement and Statistics**

EDMS889 *(PermReq)* **Internship in Measurement and Statistics; (3-12 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS898 **Pre-Candidacy Research**

EDMS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS899 **Doctoral Dissertation Research**

EDMS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS Education Policy Studies Summer 2009

EDPS301 **Foundations of Education**

EDPS301 Foundations of Education; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: EDPL301 or EDPS301. Formerly EDPL301.* Social context of education and conflicts over philosophies, values, and goals that are reflected in educational institutions in our pluralistic society. Helps teachers become reflective, critical thinkers about the social and philosophical issues they face and the choices they make.

0101	Dennis Herschbach	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MW 3:40pm - 7:00pm	EDU 3236

EDPS488C **Culture, Identity and Experience in Education**

EDPS488C Culture, Identity and Experience in Education; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
This course will use film and literature to examine the possibilities and constraints of "multicultural" education in the United States and abroad. We will explore schooling under circumstances of cultural dislocation, identity politics, cultural persecution, literal and metaphorical border crossings and Diaspora. Our investigations will focus on educators and learners as mediators of gender, sexuality, race, citizenship, religion, ability/disability, and ethnicity as they struggle to understand, reconcile, regulate, extinguish and construct individual.

0101	Beth Cohen	Seats (Total: 20)
	Meets June 1, 2009 - July 2, 2009	
	TuTh 4:15pm - 7:30pm	EDU 2102
	This section will also meet on Friday 6/19 or Saturday 6/27.	

EDPS489 **Field Experiences in Education**

EDPS489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG/P-F/AUD.

0123	Steven Selden	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0216	Francine Hultgren	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

EDPS601 **Contemporary Social Issues in Education**

EDPS601 Contemporary Social Issues in Education; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI601, EDPL601, or EDPS601. Formerly EDPL601. Theoretical and practical consideration of vital social issues currently affecting education.

IHP1	John Splaine	Seats (Total: 14)
	Meets June 1, 2009 - July 22, 2009	
	Contact instructor or department for details.	
	Prerequisite: permission of department. Outreach CITE Program offering, Shady Grove. Contact aberman2@umd.edu.	

EDPS634 **The School Curriculum**

EDPS634 The School Curriculum; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI634, EDPL634, or EDPS634. Formerly EDPL634. A foundations course embracing the curriculum as a whole from early childhood through adolescence, including a review of historical developments, an analysis of conditions affecting curriculum change, an examination of issues in curriculum making, and a consideration of current trends in curriculum design. Click here for more course information.

0201	Steven Selden	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 3:45pm - 7:00pm	EDU 1107

EDPS690 **Research in Education Policy, Planning and Administration**

EDPS690 Research in Education Policy, Planning and Administration; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI690, EDPL690, or EDPS690. Formerly EDPL690. Introduction to research methods and designs used in studies of education policy, planning, and administration.

0201	Francine Hultgren	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 3:40pm - 7:00pm	EDU 2102

EDPS798 **Special Problems in Education**

EDPS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS888 **Apprenticeship in Education**

EDPS888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS889 **Internship in Education**

EDPS889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS898 **Pre-Candidacy Research**

EDPS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS899 **Doctoral Dissertation Research**

EDPS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP Education, Special Summer 2009

EDSP210 **Introduction to Special Education**

EDSP210 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. *Class Standing: Freshman or Sophomore or permission of department. Not open to students who have completed EDSP470. Credit will be granted for only one of the following: EDSP210 or EDSP470.* Characteristics and needs of individuals receiving special education and related services. Current issues and practices in special education.

0401	Leslie Page-Voth **Meets July 13, 2009 - July 30, 2009** MW 9:00am - 4:50pm	Seats (Total: 40) EDU 1107
0501	Leslie Page-Voth **Meets June 29, 2009 - July 10, 2009** MWF 9:00am - 4:50pm *Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .*	Seats (Total: 45) EDU 1121

EDSP376 **Fundamentals of Sign Language**

EDSP376 Fundamentals of Sign Language; (3 credits) Grade Method: REG/P-F/AUD.
Receptive and expressive skills in American Sign Language. Examination of the causes of deafness, characteristics of deaf education, and aspects of the culture of the deaf community.

0101	Raphael St Johns **Meets June 1, 2009 - July 12, 2009** MW 7:00pm - 10:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 2101

0201	Raphael St Johns	Seats (Total: 27)
	Meets July 13, 2009 - August 23, 2009	
	MW 7:00pm - 10:00pm	EDU 1121
	Contact instructor or department for details.	

EDSP413 **Behavior and Classroom Management in Special Education**

EDSP413 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG/AUD.
For EDSP or 0808P majors only. Also offered as EDSP613. Credit will be granted for only one of the following: EDSP321, EDSP413, or EDSP613. Formerly EDSP321. Use of applied behavior analysis for assessment of behavior and learning environments. Design of behavior and classroom management of students in special education.

0101	Robert Bartolotta	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 7:15pm - 10:00pm	EDU 2119

EDSP415 **Assessment in Special Education**

EDSP415 Assessment in Special Education; (3 credits) Grade Method: REG/AUD.
Recommended: STAT100 or SOCY201. For EDSP or 0808P majors only. Also offered as EDSP615. Credit will be granted for only one of the following: EDSP320, EDSP415 or EDSP615. Formerly EDSP320. Knowledge and skills for understanding assessment process and interpretation of assessment data. Emphasis on psychometric aspects of assessment related to screening, eligibility, and program planning.

0201	Katryna Andrusik	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:45pm - 10:00pm	EDU 1107

EDSP416 **Reading and Writing Instruction in Special Education I**

EDSP416 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.
For EDSP or 0808P majors only. Also offered as EDSP616. Credit will be granted for only one of the following: EDSP416, EDSP443 or EDSP616. Formerly EDSP443. Assessment and instruction of reading and writing skills for students in special education.

0201	Elizabeth Montanaro, Dawn Jacobs **Meets July 13, 2009 - August 23, 2009** TuTh 4:00pm - 7:10pm	Seats (Total: 20) EDU 2101

EDSP421 **Field Placement in Special Education: Early Childhood I**

EDSP421 *(PermReq)* **Field Placement in Special Education: Early Childhood I; (4-3 credits)** Grade Method: REG.
For EDSP or 0808P majors only. Students must reserve three half-days per week for field experience in early childhood special education. Field experience I in early childhood special education. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term.

0101	M Brown **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	M Brown **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

EDSP450 **Inclusive Practices in the Schools**

EDSP450 Inclusive Practices in the Schools; (3 credits) Grade Method: REG.
Also offered as EDSP606. Credit will be granted for only one of the following: EDSP450, EDSP606, or EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber **Meets June 1, 2009 - July 12, 2009** TuTh 4:00pm - 7:10pm	Seats (Total: 35) EDU 3236

EDSP470 **Introduction to Special Education**

EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. *Not open to students who have completed EDSP210. Credit will be granted for only one of the following: EDSP210 or EDSP470.* Designed to give an understanding of the needs of all types of exceptional children. Open to all students except undergraduate special education majors.

0401	Leslie Page-Voth **Meets July 13, 2009 - July 30, 2009** MW 9:00am - 4:50pm	Seats (Total: 40) EDU 1107
0501	Leslie Page-Voth **Meets June 29, 2009 - July 10, 2009** MWF 9:00am - 4:50pm *Students who wish to register for this seciton after June 5, 2009, please email summer@umd.edu.*	Seats (Total: 45) EDU 1121

EDSP485 **Assessment and Instruction in Mathematics in Special Education**

EDSP485 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
For EDSP or 0808P majors only. Also offered as EDSP683. Credit will be granted for only one of the following: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education .

0301	Tricia Strickland, Paula Maccini **Meets June 1, 2009 - June 19, 2009** MW 8:30am - 4:20pm	Seats (Total: 25) EDU 0206

EDSP488B **Selected Topics in Teacher Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP489 **Field Experiences in Special Education**

EDSP489 Field Experiences in Special Education; (1-4 credits) Grade Method: REG/P-F/AUD.

0101	M Brown	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	M Brown	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

EDSP498 **Special Problems in Special Education**

EDSP498 Special Problems in Special Education; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP606 **Advanced Study in Inclusive Practices in The Schools**

EDSP606 Advanced Study in Inclusive Practices in The Schools; (3 credits) Grade Method: REG/AUD.
Also offered as EDSP450. Credit will be granted for only one of the following: EDSP450, EDSP606, or EDSP788P. Formerly EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:00pm - 7:10pm	EDU 3236

EDSP613 **Behavior and Classroom Management in Special Education**

EDSP613 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG.
For EDSP majors only or permission of instructor. Also offered as EDSP 413. Credit will be granted for only one of the following: EDSP 413 or EDSP 613. Applied behavior analysis for assessment of behavior and learning environments. Behavior and classroom management strategies for students in special education.

0101	Robert Bartolotta	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 7:15pm - 10:00pm	EDU 2119

EDSP615 **Evaluation and Measurement of Exceptional Children and Youth**

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3 credits) Grade Method: REG/AUD.
Prerequisites: {EDMS 446; and EDMS 646; and EDSP 600} or permission of department. Also offered as EDSP 415. Credit will be granted for only one of the following: EDSP 415 or EDSP 615. Deals with the understanding and interpretation of the results of psychological and educational tests applicable for use with exceptional children and youth.

0201	Katryna Andrusik	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:45pm - 10:00pm	EDU 1107

EDSP616 **Reading and Writing Instruction in Special Education I**

EDSP616 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.
For EDSP majors only. Also offered as EDSP 416. Credit will be granted for only one of the following: EDSP 416 or EDSP 616. Assessment and instruction of reading and writing skills and strategies for students in special education.

0201	Elizabeth Montanaro, Dawn Jacobs	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 4:00pm - 7:10pm	EDU 2101

EDSP670 **Single Subject Research in Special Education**

EDSP670 Single Subject Research in Special Education; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDSP 600 or permission of department. Design, application, and analysis of single subject research in special education classrooms across all disabilities.

0101	Andrew Egel	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 4:00pm - 7:15pm	EDU 2102
	Contact instructor or department for details.	

EDSP678E **Seminar in Special Education; Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder**

EDSP678E Seminar in Special Education: Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder; (3 credits) Grade Method: REG/AUD.

0201	Paul Livelli	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 4:15pm - 7:25pm	EDU 1315

EDSP678I **Seminar in Special Education; Developmental & Medical Interventions in NICU**

EDSP678I Seminar in Special Education: Developmental & Medical Interventions in NICU; (3 credits) Grade Method: REG/AUD.
This class explores the medical complication, interventions, and develop mental outcomes associated with infants born prematurely. Students shoul d contact Dr Hussy-Gardner prior to the first class for more informatio n regarding directions and parking (bhussey@peds.umaryland.edu).

0101	Brenda Hussey-Gardner	Seats (Total: 15)
	Meets June 1, 2009 - July 10, 2009	
	Th 3:00pm - 9:15pm	Location: TBA
	Section meets at University of Maryland School of Medicine, 29 Sout Gre ne Street, GS110C, Baltimore, MD 21201.	

EDSP683 **Assessment and Instruction in Mathematics in Special Education**

EDSP683 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
For EDSP majors only. Also offered as EDSP485. Credit will be granted for only one of the following: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education.

0301	Tricia Strickland, Paula Maccini	Seats (Total: 25)
	Meets June 1, 2009 - June 19, 2009	
	MW 8:30am - 4:20pm	EDU 0206

EDSP687 **Family Partnerships in Special Education**

EDSP687 Family Partnerships in Special Education; (3 credits) Grade Method: REG.
For EDSP majors only. Also offered as EDSP 487. Credit will be granted for only one of the following: EDSP 487 or EDSP 687. Strategies for communicating and working with families of students with disabilities.

0301	Martha Moon	Seats (Total: 25)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 4:30pm - 7:00pm	EDU 0206

EDSP788B **Selected Topics in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP788L **Selected Topics in Special Education; Instructional Strategies and Communication Development**

EDSP788L Selected Topics in Special Education: Instructional Strategies and Communication Development; (2 credits) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 15)
	Meets June 22, 2009 - June 26, 2009	
	MTuWThF 8:30am - 4:30pm	EDU 0114

EDSP798 **Special Problems in Special Education**

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799 **Master's Thesis Research**

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888 **Apprenticeship in Special Education**

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP889 **Internship in Special Education**

EDSP889 *(PermReq)* **Internship in Special Education; (3-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 **Pre-Candidacy Research**

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 **Doctoral Dissertation Research**

EDSP899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE Engineering, Aerospace Summer 2009

ENAE283 **Introduction to Aerospace Systems**

ENAE283 *(PermReq)* **Introduction to Aerospace Systems; (3 credits)** Grade Method: REG.
Prerequisites: PHYS161, ENES102 and MATH141. Corequisites: PHYS260 and 261, formerly PHYS262. Formerly: ENAE281 and ENAE282. For ENAE majors only. Credit will be granted for only one of the following: ENAE281 and ENAE282 or ENAE283. Introduction to airplanes and space vehicles as aerospace systems. Fundamentals that describe these systems. Elements of aerodynamics, airfoils and wings. Airplane performance, stability and control. Aircraft and rocket propulsion. Fundamentals of orbital motion. Aspects of vehicle conceptual design.

0101	Sarah Popkin	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 4:30pm - 5:50pm	EGR 0135

ENAE311 **Aerodynamics I**

ENAE311 *(PermReq)* **Aerodynamics I; (3 credits)** Grade Method: REG/P-F.
Prerequisites: ENAE283 and MATH246. ENAE majors only or permission of department. Formerly ENAE471. Fundamentals of aerodynamics. Elements of compressible flow. Normal and oblique shock waves. Flows through nozzles, diffusers and wind tunnels. Elements of the method of characteristics and finite difference solutions for compressible flows. Aspects of hypersonic flow.

0201	Sarah Popkin	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 4:30pm - 5:50pm	PLS 1158

ENAE324 **Aerospace Structures**

ENAE324 *(PermReq)* **Aerospace Structures; (4 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENES220. For ENAE majors only. Credit will be granted for only one of the following: ENAE322 or ENAE324. Formerly ENAE322. Analysis of torsion, beam bending, plate bending, buckling and their application to aerospace.

0101	Sung Lee	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 8:00am - 9:45am	EGR 0108

ENAE423 **Vibration and Aeroelasticity**

ENAE423 *(PermReq)* **Vibration and Aeroelasticity; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENAE324. ENAE majors only or permission of department. Dynamic response of single and multiple degrees of freedom systems, finite element modeling, wing divergence, aileron reversal, wing and panel flutter.

02TV	James Hubbard	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 8:00am - 9:20am	ITV 1100

ENAE499 **Elective Research; Individual Instruction**

ENAE499 *(PermReq)* **Elective Research: Individual Instruction; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE799 **Master's Thesis Research**

ENAE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE898 **Pre-Candidacy Research**

ENAE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0226	Derek Paley	Seats (Total: 5)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ENAE899 **Doctoral Dissertation Research**

ENAE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil Summer 2009

ENCE200 **Engineering Information Processing I**

ENCE200 Engineering Information Processing I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH141, ENES100, ENES102 and permission of department. Credit will be granted for only one of the following: ENCE200 or ENCE202. Formerly ENCE202. Spreadsheet, computational and symbolic processing packages are introduced in the context of solving engineering problems, including systems of linear equations. Computer architecture, networks, Boolean algebra, databases and introductory programming skills.

0101	Kaye Brubaker	Seats (Total: 40)
	Meets June 1, 2009 - August 23, 2009	
	M 3:00pm - 6:20pm	EGR 1104

ENCE201 **Engineering Information Processing II**

ENCE201 Engineering Information Processing II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENCE200 and permission of department. Credit will be granted for only one of the following: ENCE201 or ENCE203. Matrix algebra and numerical computing. Includes computing accuracy, solutions of systems of linear equations, root-finding, function approximation, and numerical integration. Additional computing material including data types and structures, object-based programming, event-based programming, and client-server computing. Numerical and computing techniques are taught in the context of solving engineering problems.

0101	Che-Yu Chang	Seats (Total: 40)
	Meets June 1, 2009 - August 23, 2009	
	M 3:00pm - 6:20pm	EGR 1108

ENCE320 **Introduction to Project Management**

ENCE320 *(PermReq)* **Introduction to Project Management; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. A course designed to expose students to the techniques of engineering project management and to develop analytical skills necessary on the management side of engineering projects. Topics include economic analysis, project screening and selection, organizational and project structure, scheduling, budgeting, resource management, life cycle costing, and project control.

0101	C Smith	Seats (Total: 25)
	Meets June 1, 2009 - August 23, 2009	
	M 4:00pm - 7:20pm	CHE 2118

ENCE489 **Special Problems in Civil Engineering**

ENCE489 Special Problems in Civil Engineering; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE600 **Global Project Management**

ENCE600 Global Project Management; (3 credits) Grade Method: REG/AUD. *Recommended: ENCE662. For ENCE or ENPM majors only or permission of department.* An overview of global project management from initiation through planning, execution, closing and with general emphasis on control will be provided. It is designed to augment the basics of domestic project management with information pertinent to the global project environment working in multiple countries, culture,s, time zones and working virtually.

PM01	Saumyendu Ghosh	Seats (Total: 30)
	Meets June 1, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

ENCE623 **Introduction to Advanced Scheduling**

ENCE623 Introduction to Advanced Scheduling; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE423 or ENCE662 and permission of department. Also offered as ENCE 688S. Credit will be granted for only one of the following: ENCE 623 or ENCE 688S. A Combination of lecture and hands-on use of software to develop advanced knowledge and skills necessary to master advanced scheduling techniques for project management and control will be used. No software purchase is necessary.

0101	Kenneth O'Connell	Seats (Total: 25)
	Meets June 1, 2009 - August 23, 2009	
	M 3:45pm - 7:00pm	ITV 1100

01FS	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** M 3:45pm - 7:00pm	Seats (Total: 5) Location: TBA
01HG	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** M 3:45pm - 7:00pm	Seats (Total: 5) Location: TBA
01HT	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** M 3:45pm - 7:00pm	Seats (Total: 5) Location: TBA
01SG	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** M 3:45pm - 7:00pm	Seats (Total: 5) Location: TBA
01SM	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** M 3:45pm - 7:00pm	Seats (Total: 5) Location: TBA
PM01	Kenneth O'Connell **Meets June 1, 2009 - August 23, 2009** Class time/details on ELMs	Seats (Total: 30) ONLINE

ENCE661 **Project Cost Accounting and Finance**

ENCE661 Project Cost Accounting and Finance; (3 credits) Grade Method: REG/AUD.

This course reviews the fundamentals of accounting; examines project cost accounting principles, applications, and impact on profitability; examines the principles of activity based costing; covers the elements involved in cash management; introduces the framework for how projects are financed and the potential impact financing has on the projects; and a framework for evaluating PC based systems and what resources are needed for an effective project cost system.

PM01	James Myers **Meets June 1, 2009 - August 20, 2009** Class time/details on ELMs	Seats (Total: 45) ONLINE

ENCE663 **Management of Design and Construction Organizations**

ENCE663 Management of Design and Construction Organizations; (3 credits) Grade Method: REG/AUD.

Prerequisite: permission of department. This course examines the management focus of the design and/or construction company and how corporate management is different from, yet relates to, and impacts project management. The company creates the framework within which projects may consistently achieve excellent performance or they may struggle to complete behind schedule, over budget, and not meet the customer's requirements. What makes the difference?

0101	Neil Schulman **Meets June 1, 2009 - July 12, 2009** TuTh 5:30pm - 8:50pm	Seats (Total: 40) ITV 1100
01HG	Neil Schulman **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
01HT	Neil Schulman **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
01SG	Neil Schulman **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
01SM	Neil Schulman **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
PM01	Neil Schulman **Meets June 1, 2009 - July 12, 2009** Class time/details on ELMs	Seats (Total: 30) ONLINE

ENCE688 **Advanced Topics in Civil Engineering**

ENCE688 Advanced Topics in Civil Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE689 **Seminar**

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE799 **Master's Thesis Research**

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE898 **Pre-Candidacy Research**

ENCE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE899 **Doctoral Dissertation Research**

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH Engineering, Chemical Summer 2009

ENCH215 **Chemical Engineering Analysis**

ENCH215 *(PermReq)* **Chemical Engineering Analysis; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CHEM133 or CHEM113. Pre- or corequisite: MATH141. Introduction to methods of chemical engineering calculations and analysis. Stoichiometric relations, material and energy balances, and behavior of gases, vapors, liquids and solids. Analytical and computer methods.

0101	William Weigand	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:20pm	CHE 2136

ENCH250 **Computer Methods in Chemical Engineering**

ENCH250 *(PermReq)* **Computer Methods in Chemical Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES100; and ENCH215. Corequisite: MATH246. Algorithm development and application of software to the analysis of chemical engineering problems. File management and editing, graphics and numerical methods. Use of spreadsheets, statistics/math software and process simulators for the design of chemical process equipment.

0201	Nam Sun Wang	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:00am - 12:30pm	CHE 2136

ENCH300 **Chemical Process Thermodynamics**

ENCH300 *(PermReq)* **Chemical Process Thermodynamics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CHEM241; and ENCH215. Corequisite: MATH241 and ENCH250. Principles of thermodynamics and their application to engineering problems. First and second laws of thermodynamics, properties of gases, liquids and solids, phase equilibrium, flow and non-flow systems, energy conversion, production of work from heat, thermodynamic analysis of processes, equilibrium stage operations and the thermodynamics of chemically reacting systems.

0201	Carla Luciani	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MWF 10:00am - 1:00pm	CHE 2136

ENCH468 **Research**

ENCH468 *(PermReq)* **Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH648 **Special Problems in Chemical Engineering**

ENCH648 Special Problems in Chemical Engineering; (1-16 credits) Grade Method: REG/AUD.

0103	Panagiotis Dimitrakopoulos **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0119	William Bentley **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0203	Panagiotis Dimitrakopoulos **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)
0219	William Bentley **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

ENCH799 **Master's Thesis Research**

ENCH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH898 **Pre-Candidacy Research**

ENCH898 *(PermReq)* **Pre-Candidacy Research; (1 credit)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH899 **Doctoral Dissertation Research**

ENCH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education — Summer 2009

ENCO098 **Co-op/Internship Work Experience**

ENCO098 *(PermReq)* **Co-op/Internship Work Experience; (No credit)** Grade Method: S-F.

0101	Laura Davison	Seats (Total: 999)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Veronica Perrigan	Seats (Total: 999)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ENEE Electrical & Computer Engineering Summer 2009

ENEE204 **Basic Circuit Theory**

ENEE204 *(PermReq)* **Basic Circuit Theory; (3 credits)** Grade Method: REG.
Prerequisite: PHYS260 and PHYS261 (Formerly: PHYS262). Corequisite: MATH246. Basic circuit elements: resistors, capacitors, inductors, sources, mutual inductance and transformers; their I-V relationships. Kirchoff's Laws. DC and AC steady state analysis. Phasors, node and mesh analysis, superposition, theorems of Thevenin and Norton. Transient analysis for first- and second-order circuits. Engineering College only (04).

0101	Wesley Lawson	Seats (Total: 40)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 12:30pm - 1:50pm	CSI 2118

ENEE206 **Fundamental Electric and Digital Circuit Laboratory**

ENEE206 *(PermReq)* **Fundamental Electric and Digital Circuit Laboratory; (2 credits)** Grade Method: REG.
Prerequisite: ENEE244. Corequisite: ENEE204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE206 or ENEE305. Formerly ENEE305. Introduction to basic measurement techniques and electrical laboratory equipment (power supplies, oscilloscopes, voltmeters, etc.) Design, construction, and characterization of circuits containing passive elements, operational amplifiers, and digital integrated circuits. Transient and steady-state response. This course is a prerequisite to all upper level ENEE laboratories.

0101	Guangxiao Helke	Seats (Total: 14)	
	Meets June 1, 2009 - July 22, 2009		
	MW 8:00am - 8:50am	EGR 3106	
	MW 9:00am - 12:00pm	AVW 1356	Lab

ENEE244 **Digital Logic Design**

ENEE244 *(PermReq)* **Digital Logic Design; (3 credits)** Grade Method: REG.
For 09090 or 09991 majors only. Sophomore standing and permission of department. The design and analysis of combinational and synchronous sequential systems comprising digital logic gates and flip-flop memory devices; underlying tools such as switching and Boolean algebras and Karnaugh map simplification of gate networks; design and use of decoders, multiplexers, encoders, adders, registers, counters, sequence recognizers, programmable logic arrays (PLAs), read-only memories (ROMS, PROMS), and similar devices. Arbitrary radix conversion. Engineering College only (04).

0101	Charles Silio	Seats (Total: 30)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 9:30am - 10:50am	CHE 2145

ENEE313 **Introduction to Device Physics**

ENEE313 Introduction to Device Physics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: A grade of "C" (2.0) or higher in ENEE204 and all other 200-level courses. For ENEE and ENCP majors only and permission of department. Credit will be granted for only one of the following: ENEE312 or ENEE313. Basic physics of devices including fields in solids, crystal structure, properties of electrons and holes. Current flow in Si using drift-diffusion model. Properties of the pn junction. Properties of devices including BJTs, FETs and their physical characteristics.

0101	Manoj Franklin	Seats (Total: 40)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 9:30am - 10:50am	CSI 2120

ENEE324 **Engineering Probability**

ENEE324 *(PermReq)* **Engineering Probability; (3 credits)** Grade Method: REG. *Prerequisite: ENEE322 and completion of all lower-division technical courses in the EE curriculum. See above note. Electrical Engineering and Computer Engineering majors may not substitute STAT400 for ENEE324. Credit will be granted for only one of the following: BMGT231, STAT400, or ENEE324. These courses are not interchangeable, consult your program requirements or advisor for what is acceptable toward your program of study.* Axioms of probability; conditional probability and Bayes' rules; random variables, probability distribution and densities: functions of random variables: weak law of large numbers and central limit theorem. Introduction to random processes; correlation functions, spectral densities, and linear systems. Applications to noise in electrical systems, filtering of signals from noise, estimation, and digital communications.

0101	Manoj Franklin	Seats (Total: 40)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 11:00am - 12:20pm	CSI 2120

ENEE350 **Computer Organization**

ENEE350 *(PermReq)* **Computer Organization; (3 credits)** Grade Method: REG. *Prerequisite: ENEE244 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only. Electrical Engineering and Computer Engineering majors may not substitute CMSC 311 for ENEE350. Not open to students who have completed ENEE250. Formerly ENEE250.* Structure and organization of digital computers. Registers, memory, control and I/O. Data and instruction formats, addressing modes, assembly language programming. Elements of system software, subroutines and their linkages. ENEE majors (09090) only.

0101	Charles Silio	Seats (Total: 30)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 8:00am - 9:20am	CHE 2145

ENEE380 **Electromagnetic Theory**

ENEE380 Electromagnetic Theory; (3 credits) Grade Method: REG. *Prerequisites: MATH241,(PHYS270 and 271 {Former PHYS263}) and completion of all lower-division technical courses in the EE curriculum. See above note.* Introduction to electromagnetic fields. Coulomb's law, Gauss's law, electrical potential, dielectric materials capacitance, boundary value problems, Biot-Savart law, Ampere's law, Lorentz force equation, magnetic materials, magnetic circuits, inductance, time varying fields and Maxwell's equations.

0101	Leonard Taylor	Seats (Total: 40)
	Meets June 1, 2009 - July 22, 2009	
	MTuWTh 12:30pm - 2:15pm	CSI 2120

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering**

ENEE499L *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499R **Senior Projects in Electrical and Computer Engineering**

ENEE499R *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE699 **Independent Studies in Electrical Engineering**

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE799 **Master's Thesis Research**

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE898 **Pre-Candidacy Research**

ENEE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Summer 2009

ENES100 **Introduction to Engineering Design**

ENES100 *(PermReq)* **Introduction to Engineering Design; (3 credits)** Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Corequisite: MATH140. Students work as teams to design and build a product using computer software for word-processing, spreadsheet, CAD, and communication skills.

04YS	David Lovell	Seats (Total: 36)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 1:00pm	JMP 1202
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ENES102 **Statics**

ENES102 *(PermReq)* **Statics; (3 credits)** Grade Method: REG/P-F/AUD.
Corequisite: MATH140. For engineering majors only. Formerly ENES110. The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Thomas Beigel	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 12:30pm - 2:50pm	PHY 1201

ENES104 **Introduction to Materials and their Applications**

ENES104 Introduction to Materials and their Applications; (3 credits) Grade Method: REG/P-F/AUD.
Restricted to Young Scholars Program. Creating a new technology, nanotechnology, biotechnology, or plastic electronics requires developing the materials first. In this class we'll explore materials science and engineering where engineers change the properties and/or behavior of a material to make them more useful. The course covers the chemical composition, phase transformations, corrosion and mechanical properties of materials as well as their electrical, thermal, magnetic and optical properties. Learn about the unlimited possibilities for innovation and adaption through the exciting field of nanotechnology.

04YS	Isabel Lloyd	Seats (Total: 22)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:30pm	CHE 2116
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ENES140 **Discovering New Ventures**

ENES140 Discovering New Ventures; (3 credits) Grade Method: REG/P-F/AUD. *This course may count as an elective for a student at the University of Maryland, depending on the student's specific degree program. It cannot be counted towards the requirements for the Smith School of Business Entrepreneurship Fellow Program..* Students explore dynamic company startup topics by working in teams to design a new venture. This multi-disciplinary course helps students to learn the basic business, strategy, and leadership skills needed to launch new ventures. Topics include learning how to assess the feasibility of a startup venture, as well as how to apply best practices for planning, launching, and managing new companies. Students discuss a wide range of issues of importance and concern to entrepreneurs and learn to recognize opportunities, assess the skills and talents of successful entrepreneurs, and learn models that help them navigate uncertainty.

04YS	James Green	Seats (Total: 65)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:30pm	CHE 2108
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

ENES141 **Introduction to Technology Marketing and Product Development**

ENES141 Introduction to Technology Marketing and Product Development; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.

04YS	Dean Chang	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:30pm	Location: TBA
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information. This course will meet in the Technology Advancement Program building Seminar room 1105.	

ENES220 **Mechanics of Materials**

ENES220 *(PermReq)* **Mechanics of Materials; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES102; and MATH141; and PHYS161. For engineering majors only (not including ENEE majors). Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0201	Peter Chang	Seats (Total: 50)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 9:30am - 10:50am	EGR 1104	
	TuTh 12:45pm - 2:45pm	EGR 1156	Discussion

ENES221 **Dynamics**

ENES221 *(PermReq)* **Dynamics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES102 or ENES110; and MATH141; and PHYS161. Systems of heavy particles and rigid bodies at rest and in motion. Force-acceleration, work-energy and impulse-momentum relationships. Motion of one body relative to another in a plane and in space.

0101	Moustafa El-Bassyiouni	Seats (Total: 40)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 12:00pm - 1:40pm	EGR 0135	
0201	Danial Shahmirzadi	Seats (Total: 40)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 11:00am - 12:40pm	EGR 1102	

ENES435 **Product Liability and Regulation**

ENES435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.

Junior standing. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology. Also offered as ENFP435.

0101	Vincent Brannigan	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:20pm	CSI 2120

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Assessment**

ENES458A Topics in International Engineering: Engineers Without Borders: Leadership Seminar - Assessment; (1-4 credits) Grade Method: REG/P-F/AUD.

02WB	Arnaud Trouve	Seats (Total: 0)
	Meets August 12, 2009 - August 22, 2009	
	Contact instructor or department for details.	

ENES458F **Topics in International Engineering; France, Risk Assessment in Engineering**
Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Implementation**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as BUSI758T. Formerly ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

0101	James Green	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

ENES496 **NASA Academy**

Contact department for information to register for this course.

ENES508 **Engineering Professional Development for Teachers**

ENES508 Engineering Professional Development for Teachers; (1-6 credits) Grade Method: REG/P-F/AUD.

0201	Richard McCuen, Mohamed Aggour	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 8:00am - 4:00pm	EGR 2154

ENFP Engineering, Fire Protection Summer 2009

ENFP429 **Independent Studies**

ENFP429 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP435 **Product Liability and Regulation**

ENFP435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.
Junior standing. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology. Also offered as ENES435.

0101	Vincent Brannigan	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:20pm	CSI 2120

ENFP489J **Special Topics; Structural Fire Analysis**

ENFP489J Special Topics: Structural Fire Analysis; (3 credits) Grade Method: REG/P-F/AUD.

0401	James Milke	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ENFP621 **Analytical Procedures of Structural Fire Protection**
Contact department for information to register for this course.

ENFP625 **Advanced Fire Modeling**

ENFP625 Advanced Fire Modeling; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Validity, utility, reliability of current computer models. Applications of models in risk assessment, underwriting, loss prediction, hazard analysis. Development and validation of specific application models.

EF01	Arnaud Trouve	Seats (Total: 35)
	Meets June 1, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

ENFP629 **Selected Topics**

ENFP629 Selected Topics; (3-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP629A **Selected Topics; Advanced Fire Dynamics**
Contact department for information to register for this course.

ENFP629E **Selected Topics; Performance Based Design**

ENFP629E Selected Topics: Performance Based Design; (3 credits) Grade Method: REG/AUD.

EF01	Eric Rosenbaum	Seats (Total: 35)
	Meets June 1, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

ENFP649 **Special Problems**

ENFP649 Special Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Summer 2009

ENGL101 **Introduction to Writing**

ENGL101 Introduction to Writing; (3 credits) Grade Method: REG.
An introductory course in expository writing. An introductory course in academic writing.

0101	Thomas Lawton	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 10:50am	SQH 1107

0102	Elizabeth Veisz **Meets June 1, 2009 - July 12, 2009** TuTh 12:00pm - 3:15pm	Seats (Total: 22) SQH 2121
0104	Elizabeth Colson **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 2122
0202	Thomas Geary **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0230
0204	Damion Clark **Meets July 13, 2009 - August 23, 2009** MWTh 6:00pm - 8:10pm	Seats (Total: 22) SQH 2121

ENGL101B **Introduction to Writing**

ENGL101B *(PermReq)* **Introduction to Writing; (3 credits)** Grade Method: REG. For Bridge students only.

0101	Instructor: TBA **Meets June 22, 2009 - July 31, 2009** MTuWThF 1:00pm - 2:30pm	Seats (Total: 10) MTH B0425

ENGL212 **English Literature: 1800 to the Present**

ENGL212 English Literature: 1800 to the Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Surveys the major literary movements of the period, from Romantic to Victorian to Modern. Such authors as Wordsworth, Keats, Bronte, Tennyson, Browning, Yeats, Joyce, Woolf.

0201	Jennifer Wellman **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 35) SQH 1117

ENGL222 **American Literature: 1865 to Present**

ENGL222 American Literature: 1865 to Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Surveys American writing from the Civil War through the Cold War. Authors such as Clemens, Frost, Hurston, Bellow.

06FF	Tasos Lazarides	Seats (Total: 30)
	Meets August 3, 2009 - August 21, 2009	
	MTuWTh 9:00am - 12:20pm	SQH 1101
	Part of Freshman First. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.	

ENGL234 **Introduction to African-American Literature**

ENGL234 Introduction to African-American Literature; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
A survey of African-American literature from the late 18th century to the present.

0201	Lakisha Odlum	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 1:00pm - 4:15pm	SQH 1117

ENGL243 **Introduction to Poetry**

ENGL243 Introduction to Poetry; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
How poetry works. Focus on style, subject, rhythm, voice, technique and structure. Readings from a range of cultures and communities.

0101	Kathleen D'Angelo	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:15pm	SQH 1105

ENGL244 **Introduction to Drama**

ENGL244 Introduction to Drama; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
A survey of the basic literature of drama from the classical Greeks to modern times.

0201	Rebecca Lush	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:15pm	SQH 1105

ENGL245 **Film and the Narrative Tradition**

ENGL245 Film and the Narrative Tradition; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Primary attention is on the film as a narrative medium, but other literary models will be examined.

0501	Greg Metcalf	Seats (Total: 35)
	Meets June 22, 2009 - July 12, 2009	
	MTuWThF 1:00pm - 4:15pm	SQH 1120
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

ENGL301 **Critical Methods in the Study of Literature**

ENGL301 Critical Methods in the Study of Literature; (3 credits) Grade Method: REG/P-F/AUD.
For English or English Education Majors, or English Minors. An introduction to the techniques of literary analysis and a brief survey of the most common approaches to literature.

0201	Linda Macri	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:15pm	TWS 0224

ENGL310 **Medieval and Renaissance British Literature**

ENGL310 Medieval and Renaissance British Literature; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Detailed study of selected major medieval and Renaissance works written in England. Cultural attitudes and historical contexts. May include Beowulf, Anglo-Saxon lyric, drama, sonnets; works of women writers, Chaucer, Spenser, Sidney. Some readings in Middle English.

0201	Kimberly Coles	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 12:15pm	SQH 1103

ENGL312 **Romantic to Modern British Literature**

ENGL312 Romantic to Modern British Literature; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Detailed study of selected major texts from the 19th and 20th centuries. Transitions from Romanticism to Victorian age to Modernism. Historical, social, literary contexts. Issues such as rise of democracy; industrial revolution; the "woman question"; revolutions in literary form. Authors might include Wordsworth, Austen, Dickens, Arnold, T.S. Eliot, Woolf.

0101	William Cohen	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:15pm	SQH 1105

ENGL313 **American Literature**

ENGL313 American Literature; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. A detailed study of selected major texts of American literature from the 17th century to the 20th century. Issues such as race, gender, and regionalism. Authors such as Franklin, Hawthorne, Dickinson, Hemingway, and Morrison.

0101	Robert Levine	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:15pm	SQH 1103

ENGL346 **Twentieth Century Fiction**

ENGL346 Twentieth Century Fiction; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL379B in Spring 2006. Major British, American, and other fiction writers of the twentieth century studied in the context of the broad global, intellectual, and artistic interests of the century.

0201	Caroline Egan	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:15pm	SQH 1117

ENGL348A **Literary Works by Women; Women and Science Fiction**

ENGL348A Literary Works by Women: Women and Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.

0101	Jane Donawerth	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:15pm	SQH 1101

ENGL362 **Caribbean Literature in English**

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

0101	Merle Collins	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:15pm	SQH 1117

ENGL379N **Special Topics in Literature; The Writer in the World: Destination Lithuania**
Contact department for information to register for this course.

ENGL379T **Special Topics in Literature; The American Short Story**

ENGL379T Special Topics in Literature: The American Short Story; (3 credits) Grade Method: REG/P-F/AUD.

0201	William Lewis	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 1:00pm - 4:15pm	EDU 0206

ENGL379X **Special Topics in Literature; Study Abroad in London and East Anglia**

Contact department for information to register for this course.

ENGL388P **Writing Internship**

ENGL388P *(PermReq)* **Writing Internship; (1-6 credits)** Grade Method: REG.

0201	Jennifer Dunsmore **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)

ENGL391 **Advanced Composition**

ENGL391 Advanced Composition; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. An advanced composition course which emphasizes constructing written arguments accommodated to real audiences.

0102	Mark Forrester **Meets June 1, 2009 - July 12, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) ASY 3221
0107	Mark Fitzgerald **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) SQH 2122
0108	Robin Earnest **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 2120
0201	Mark Forrester **Meets July 13, 2009 - August 23, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) ASY 3221
0204	Melanie Faith **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0223
0205	Melanie Faith **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0223

ENGL392 **Legal Writing**

ENGL392 Legal Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. Conventions of legal writing and research. Students learn how to read and write about cases, statutes or other legislation; how to apply legal principles to fact scenarios; and how to present a written analysis for readers in the legal profession. Assignments may include the law-school application essay, case briefs, legal memos, and client letters. Satisfies professional writing requirement.

0102	Michael Winett **Meets June 1, 2009 - July 12, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) SQH 2122

ENGL393 **Technical Writing**

ENGL393 Technical Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. The writing of technical papers and reports.

0101	Mary Shea **Meets June 1, 2009 - July 12, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) SQH 2120
0102	Daniel Saalfeld **Meets June 1, 2009 - July 12, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) SQH 2122
0103	Kelly Cresap **Meets June 1, 2009 - July 12, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) SQH 2117
0108	Joseph Wappel **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) SQH 1123

0109	Michael Winett **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) SQH 2120
0112	Arthur Reynolds **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 1103
0113	Joseph Wappel **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 2119
0201	Joanna Findlay **Meets July 13, 2009 - August 23, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) KEY 0123
0202	Connie Inukai **Meets July 13, 2009 - August 23, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0224
0206	Paul Haynos **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0207	Kelli Skinner Eyerly **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) ASY 3203
0209	Donald McNeilly **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) ASY 3219
0210	Kelli Skinner Eyerly **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) ASY 3215
0211	Donald McNeilly **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) ASY 3215

ENGL393X **Technical Writing**

ENGL393X Technical Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. For students for whom English is a second language.

0103	Daniel Saalfeld **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 15) SQH 1107
0202	Connie Inukai **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 15) TWS 0224

ENGL394 **Business Writing**

ENGL394 Business Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. Intensive practice in the forms of written communication common in the business world-letters, memos, short reports, and proposals. Principles of rhetoric and effective style.

0101	Natka Bianchini **Meets June 1, 2009 - July 12, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) SQH 1121
0104	Reiner Prochaska **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) SQH 2121
0105	Mary Turner **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 1107
0107	Ellen Blumner **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) SQH 1105

0109	Mary Turner **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) SQH 1105
0201	William Schatz **Meets July 13, 2009 - August 23, 2009** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0202	Frederick Bolton **Meets July 13, 2009 - August 23, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) KEY 0123
0204	Ceil Goldberg **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0205	Thomas Lowderbaugh **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0221
0206	Ellen Blumner **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232

ENGL395 **Writing for Health Professions**

ENGL395 Writing for Health Professions; (3 credits) Grade Method: REG. *Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement.* Focus on accommodating technical material and empirical studies to lay audiences, and helping writers to achieve stylistic flexibility and correctness.

0102	Arthur Reynolds **Meets June 1, 2009 - July 12, 2009** TuTh 9:30am - 12:45pm	Seats (Total: 22) SQH 1101

ENGL404 **Shakespeare: The Later Works**

ENGL404 Shakespeare: The Later Works; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two English courses in literature or permission of department. Close study of selected plays from the second half of Shakespeare's career. Generic issues of later tragedies, later comedies, romances. Language, theme, dramatic technique, sources, and early modern English social-historical context.

0101	Marshall Grossman	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:15pm	SQH 1117

ENGL428A **Seminar in Language and Literature; Film Noir and American Culture**

ENGL428A Seminar in Language and Literature: Film Noir and American Culture; (3 credits) Grade Method: REG/P-F/AUD.

0201	Jonathan Auerbach	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:15pm	SQH 1120

ENGL429 **Independent Research in English**

ENGL429 *(PermReq)* **Independent Research in English; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL452 **English Drama From 1660 to 1800**

ENGL452 English Drama From 1660 to 1800; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two English courses in literature or permission of department. Restoration and eighteenth-century drama, with special attention to theater history, cultural influences, concepts of tragedy, comedy, farce, parody, and burlesque, as well as dramatic and verbal wit.

0101	Laura Rosenthal	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:15pm	JRN 1105

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:15pm	SQH 1117

ENGL479N **Selected Topics in English and American Literature after 1800; The Writer in the World**
Contact department for information to register for this course.

ENGL495 **Independent Study in Honors**

ENGL495 Independent Study in Honors; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisites: Candidacy for honors in English and ENGL370 and ENGL373. For ENGL majors only. Completion and presentation of the senior honors project.

Contact department for information to register for this course.

ENGL611 **Approaches to College Composition**

ENGL611 *(PermReq)* **Approaches to College Composition; (3 credits)** Grade Method: REG.
Required for graduate assistants (optional to other graduate students). Prerequisite: permission of department. A seminar emphasizing rhetorical and linguistic foundations for the handling of a course in freshman composition.

0202	Shirley Logan	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:15pm	SQH 2117

ENGL623 **Readings in Eighteenth-Century English Literature**

ENGL623 Readings in Eighteenth-Century English Literature; (3 credits) Grade Method: REG/AUD.

0101	Laura Rosenthal	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:15pm	JRN 1105

ENGL629 **Readings in Folklore and Folklife; Folksong and Ballad**

ENGL629 Readings in Folklore and Folklife: Folksong and Ballad; (3 credits) Grade Method: REG/AUD.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:15pm	SQH 1117

ENGL638A **Readings in Film as Text and Cultural Form; Film Noir and American Culture**

ENGL638A Readings in Film as Text and Cultural Form: Film Noir and American Culture; (3 credits) Grade Method: REG/AUD.

0201	Jonathan Auerbach	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:15pm	SQH 1120

ENGL699 **Independent Study**

ENGL699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL799 **Master's Thesis Research**

ENGL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL899 **Doctoral Dissertation Research**

ENGL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA Engineering, Materials Summer 2009

ENMA499 **Senior Laboratory Project**

ENMA499 *(PermReq)* **Senior Laboratory Project; (3 credits)** Grade Method: REG/P-F/AUD.

0201	Robert Briber	Seats (Total: 1)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ENMA698 **Special Problems in Materials Science and Engineering**

ENMA698 Special Problems in Materials Science and Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA799 **Master's Thesis Research**

ENMA799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA898 **Pre-Candidacy Research**

ENMA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Manfred Wuttig	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0114	Patrick McCluskey	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

0123	Joonil Seog **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	Manfred Wuttig **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0214	Patrick McCluskey **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0223	Joonil Seog **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0230	Isabel Lloyd **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)

ENMA899 **Doctoral Dissertation Research**

ENMA899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME Engineering, Mechanical Summer 2009

ENME232 **Thermodynamics**

ENME232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PHYS260 and PHYS261 (Formerly: PHYS262).* Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Tien-Mo Shih **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:00am - 10:40am	Seats (Total: 40) EGR 2116

ENME271 **Introduction to Matlab**

ENME271 Introduction to Matlab; (3 credits) Grade Method: REG.
Prerequisite: ENES221. Develop the skills to generate readable, compact and verifiably correct MATLAB scripts and functions to obtain numerical solutions to a wide range of engineering models and to display the results with fully annotated graphics. Learn structured programming.

0101	Colin Marks	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:40pm	EGR 2112

ENME320 **Thermodynamics**

ENME320 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH141; and {PHYS260 and PHYS261 (Formerly: PHYS262)}. The properties, characteristics and fundamental equations of gases and vapors. Application of the first and second laws of thermodynamics in the analysis of basic heat engines, air compression vapor cycles. Flow and non-flow processes for gases and vapors.

0101	Sami Ainane	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:40pm	EGR 3111

ENME331 **Fluid Mechanics**

ENME331 Fluid Mechanics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENME232 and ENES221. Principles of fluid mechanics. Mass, momentum and energy conservation. Hydrostatics. Control volume analysis. Internal and external flow. Boundary layers. Modern measurement techniques. Computer analysis. Laboratory experiments.

0102	David Bigio	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 12:30pm - 3:50pm	EGR 3106

ENME332 **Transfer Processes**

ENME332 Transfer Processes; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ENME331.* The principles of heat transfer. Conduction in solids. Convection. Radiation. Modern measurement techniques. Computer analysis.

0101	Chandrasekhar Thamire	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 9:00am - 10:40am	EGR 0135	

ENME350 **Electronics and Instrumentation I**

ENME350 Electronics and Instrumentation I; (3 credits) Grade Method: REG. *Prerequisite: PHYS270 and 271 {Formerly PHYS263}. Credit will be granted for only one of the following: ENME252 or ENME350. Formerly ENME252.* Modern instrumentation. Basic circuit design, standard microelectronic circuits. Digital data acquisition and control. Signal conditioning. Instrumentation interfacing. Designing and testing of analog circuits. Laboratory experiments.

0101	Monther Hasouneh	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MW 9:00am - 11:00am	CHE 2136	
	MW 11:10am - 1:10pm	Location: TBA	Lab

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENES220, ENES221, ENME271, and MATH246. For ENME majors only. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Moustafa El-Bassyiouni	Seats (Total: 45)	
	Meets June 1, 2009 - July 12, 2009		
	MTuW 9:00am - 11:20am	EGR 3106	

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 4:00pm - 6:00pm Tu 4:00pm - 6:45pm	EGR 0108 CHE 2136
0201	Thomas Beigel	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	MW 4:00pm - 6:00pm Tu 3:00pm - 5:45pm	EGR 0108 EGR 0110

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241 or equivalent. Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0102	Guangming Zhang	Seats (Total: 29)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 12:00pm - 3:00pm	EGR 0312
0301	Guangming Zhang	Seats (Total: 29)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 8:00am - 11:00am	EGR 0312

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENME351 and ENME361. Formerly ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Danial Shahmirzadi	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 8:00am - 9:40am	EGR 1104

ENME488 **Special Problems**

ENME488 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME635 **Energy Systems Analysis**
Contact department for information to register for this course.

ENME700 **Advanced Mechanical Engineering Analysis I**
Contact department for information to register for this course.

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**
Contact department for information to register for this course.

ENME898 **Pre-Candidacy Research**

ENME898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU Engineering, Nuclear Summer 2009

ENNU620 **Mathematical Techniques for Engineering Analysis and Modeling**

ENNU620 Mathematical Techniques for Engineering Analysis and Modeling; (3 credits) Grade Method: REG.
Also offered as ENRE 620. Probability and probability distributions; statistics; ordinary differential equations; linear algebra and vectors; Laplace transform; Fourier analysis; boundary value problems; series solutions to differential equations; partial differential equations; numerical methods.

0101	Colin Marks **Meets June 1, 2009 - July 23, 2009** TuTh 4:00pm - 6:40pm	Seats (Total: 15) EAB 0307
01ER	Colin Marks **Meets June 1, 2009 - July 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
01RE	Colin Marks **Meets June 1, 2009 - July 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

ENNU648 **Special Problems in Nuclear Engineering**

ENNU648 Special Problems in Nuclear Engineering; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU648M **Special Problems in Nuclear Engineering**

ENNU648M Special Problems in Nuclear Engineering; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Summer 2009

ENPM652 **Applied Finite Element Methods**

ENPM652 Applied Finite Element Methods; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENPM652 or ENPM808F. Formerly ENPM808F.* For engineering and science students with little or no previous knowledge of the FEM. Study of FEM, using straightforward mathematics. Students should understand basic concepts and equations of elasticity and thermal heat flow, be familiar with simple matrix algebra. Covers stress analysis and thermal analysis problems. ANSYS finite element code will be used for examples and homework solutions. Basic problem solving procedure will be developed for using finite element computer codes.

0101	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 28) EGR 2103
01FS	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HG	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HT	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SG	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SM	Jeffery Etheridge **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM657 **Sustainable Use of Resources and Minimization of Wastes**

ENPM657 Sustainable Use of Resources and Minimization of Wastes; (3 credits)
Grade Method: REG/AUD.
Credit will be granted for only one of the following: ENPM657 or ENPM808R (as offered in Fall 2008, Summer 2005, Spring 2007). Formerly ENPM808R. Introduction to material use and flow concepts; recycling of nonmetallics; sustainability and industrial ecology; life cycle environmental assessments and models; municipal solid waste; case studies and plant visit.

0101	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 25) ITV 1111
01FS	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HG	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HT	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SG	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SM	Earle Amey **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM665 Building Control Systems

ENPM665 Building Control Systems; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENPM665 or ENPM808F. Formerly ENPM808F.* Focuses on providing guidance and expertise to engineers who are designing control equipment and systems for building heating, ventilating and air-conditioning (HVAC) systems. It will also cover issues related to control system commissioning, fault detection and diagnoses and optimization. The implementation of direct digital control systems and building networks will be addressed, along with issues related to indoor air quality and environmental performance.

0101	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 25) EGR 2103
01FS	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HG	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HT	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01SG	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01SM	Stephen Treado **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA

ENPM808 **Advanced Topics in Engineering**

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3 credits)** Grade Method: REG/AUD.

0101	George Syrmos **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	George Syrmos **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
EF01	George Syrmos **Meets June 1, 2009 - July 12, 2009** Class time/details on ELMs	Seats (Total: 10) ONLINE

ENPM808C **Advanced Topics in Engineering; Total Systems Engineering Integration**

ENPM808C Advanced Topics in Engineering: Total Systems Engineering Integration; (1-3 credits) Grade Method: REG/AUD.

0101	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 25) ITV 1100
01FS	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HG	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HT	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01SG	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01SM	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA

ENPM808F **Advanced Topics in Engineering; TCP/IP NETWORKING**

ENPM808F Advanced Topics in Engineering: TCP/IP NETWORKING; (3 credits) Grade Method: REG/AUD.

0101	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 25) EGR 2107
01FS	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HG	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HT	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SG	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SM	Pedram Fard **Meets June 2, 2009 - July 23, 2009** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM808O **Advanced Topics in Engineering; Operating System Design**

ENPM808O Advanced Topics in Engineering: Operating System Design; (3 credits) Grade Method: REG/AUD.

0101	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 25) EGR 2107

01FS	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HG	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01HT	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SG	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
01SM	Manoj Franklin **Meets June 1, 2009 - July 22, 2009** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENRE Reliability Engineering Summer 2009

ENRE620 **Mathematical Techniques of Reliability Engineering**

ENRE620 Mathematical Techniques of Reliability Engineering; (3 credits) Grade Method: REG/AUD.
Also offered as ENNU 620. Basic probability and statistics (required for ENRE 600 and ENRE 602). Application of selected mathematical techniques to the analysis and solution of reliability engineering problems. Applications of matrices, vectors, tensors, differential equations, integral transforms, and probability methods to a wide range of reliability related problems.

0101	Colin Marks **Meets June 1, 2009 - July 23, 2009** TuTh 4:00pm - 6:40pm	Seats (Total: 15) EAB 0307
01ER	Colin Marks **Meets June 1, 2009 - July 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

01RE	Colin Marks	Seats (Total: 10)
	Meets June 1, 2009 - July 23, 2009	
	Contact instructor or department for details.	

ENRE642 **Reliability Engineering Management**

ENRE642 *(PermReq)* **Reliability Engineering Management; (3 credits)** Grade Method: REG/AUD.
Unifying systems perspective of reliability engineering management. Design, development and management of organizations and reliability programs including: management of systems evaluation and test protocols, development of risk management-mitigation processes, and management of functional tasks performed by reliability engineers.

01ER	Frederick Schenkelberg	Seats (Total: 10)
	Meets June 22, 2009 - July 10, 2009	
	Contact instructor or department for details.	
01RE	Frederick Schenkelberg	Seats (Total: 15)
	Meets June 22, 2009 - July 10, 2009	
	Contact instructor or department for details.	

ENRE648 **Special Problems in Reliability Engineering**

ENRE648 *(PermReq)* **Special Problems in Reliability Engineering; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE799 **Master's Thesis Research**

ENRE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE898 **Pre-Candidacy Research**

ENRE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE899 **Doctoral Dissertation Research**

ENRE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENSE Systems Engineering Summer 2009

ENSE698C **Special Topics in Systems Engineering; Total Systems Engineering Integration**

ENSE698C Special Topics in Systems Engineering: Total Systems Engineering Integration; (3 credits) Grade Method: REG/AUD.

0101	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 25) ITV 1100
01FS	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HG	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01HT	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA
01SG	Bahador Ghahramani **Meets June 1, 2009 - July 22, 2009** MW 7:00pm - 9:40pm	Seats (Total: 5) Location: TBA

01SM	Bahador Ghahramani	Seats (Total: 5)
	Meets June 1, 2009 - July 22, 2009	
	MW 7:00pm - 9:40pm	Location: TBA

ENSE799 **Systems Engineering Thesis; Masters Thesis Research**

ENSE799 *(PermReq)* **Systems Engineering Thesis: Masters Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact Systems Engineering Office, Rm. 2172 A. V. Williams Bldg. to make arrangements.

Contact department for information to register for this course.

ENST Environmental Science and Technology Summer 2009

ENST389 **Internship**

ENST389 *(PermReq)* **Internship; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST489 **Field Experience**

ENST489 *(PermReq)* **Field Experience; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST499 **Special Topics in Environmental Science and Technology**
Contact department for information to register for this course.

ENST499K **Special Topics in Environmental Science and Technology; Algae of the Chesapeake**

ENST499K Special Topics in Environmental Science and Technology: Algae of the Chesapeake; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BIOL106 or equivalent.An ecological and taxonomic survey of algal groups found in the estuarine portion of the Chesapeake Bay. This is a field-oriented course with all day trips to different locations on the bay for collecting algae and learning about algal habitats. Lab/lecture sessions follow field trips for examination and discussion of the collections made during the trips. Emphasis is on the macroalgal flora of the Chespeake Bay and its watershed, but all algal life forms will be covered in the course.

0101	Patrick Kangas	Seats (Total: 10)	
	Meets June 1, 2009 - July 12, 2009		
	Th 1:00pm - 2:50pm W 7:00am - 7:00pm	ANS 0422 Location: TBA	Lab

ENST499P **Special Topics in Environmental Science and Technology; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST608 **Research Methods**
Contact department for information to register for this course.

ENST608A **Research Methods; Field Studies in Pedology**

ENST608A Research Methods: Field Studies in Pedology; (1-4 credits) Grade Method: REG/AUD.

0201	Martin Rabenhorst	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

ENST689K **Special Topics; Algae of the Chesapeake**

ENST689K Special Topics: Algae of the Chesapeake; (3 credits) Grade Method: REG/AUD.
Prerequisite: BIOL106 or equivalent.An ecological and taxonomic survey of algal groups found in the estuarine portion of the Chesapeake Bay. This is a field-oriented course with all day trips to different locations on the bay for collecting algae and learning about algal habitats. Lab/lecture sessions follow field trips for examination and discussion of the collections made during the trips. Emphasis is on the macroalgal flora of the Chespeake Bay and its watershed, but all algal life forms will be covered in the course.

0101	Patrick Kangas	Seats (Total: 10)	
	Meets June 1, 2009 - August 23, 2009		
	Th 1:00pm - 2:50pm	ANS 0422	
	W 7:00am - 7:00pm	Location: TBA	Lab

ENST689P **Special Topics; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST799 **Master's Thesis Research**

ENST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST898 **Pre-Candidacy Research**

ENST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST899 **Doctoral Dissertation Research**

ENST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB Epidemiology and Biostatistics Summer 2009

EPIB698A **Special Topics in Epidemiology and Biostatistics; Introduction to SAS Statistical Programming**

EPIB698A Special Topics in Epidemiology and Biostatistics: Introduction to SAS Statistical Programming; (3 credits) Grade Method: REG/AUD.

0101	Guangyu Zhang **Meets June 1, 2009 - July 12, 2009** TuTh 9:00am - 12:40pm	Seats (Total: 10) SPH 0303

EPIB785 **Internship in Public Health**

EPIB785 *(PermReq)* **Internship in Public Health; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0125	Deborah Young **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0126	Guangyu Zhang **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0225	Deborah Young **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

EPIB786 **Capstone Project in Public Health**

EPIB786 *(PermReq)* **Capstone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

EPIB798 **Independent Study**

EPIB798 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 **Master's Thesis Research**

EPIB799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB898 **Pre-Candidacy Research**

EPIB898 Pre-Candidacy Research; (1-3 credits) Grade Method: REG.

0225	Deborah Young	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

FMSC Family Science Summer 2009

FMSC260 **Couple Relationships**

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: FMSC260 or FMST260. Formerly FMST260.* Couple relationships and their alternatives in contemporary dating, courtship and marriage.

0201	Roger Rubin	Seats (Total: 50)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:20pm	MMH 1304

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/AUD. *Junior standing. Credit will be granted for only one of the following: FMSC330 or FMST330. Formerly FMST330.* Theory and research on the family, including a cross-cultural analysis of family patterns.

0101	Robyn Zeiger **Meets June 1, 2009 - July 12, 2009** MW 9:30am - 12:50pm	Seats (Total: 50) MMH 1400

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: FMSC/FMST105 or PSYC100. Credit will be granted for only one of the following: FMSC332 or FMST332. Formerly FMST332.* A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

0101	Laura Evans **Meets June 1, 2009 - July 12, 2009** Class time/details on ELMs *Section will meet entirely online.*	Seats (Total: 35) ONLINE
0201	Laura Evans **Meets July 13, 2009 - August 23, 2009** Class time/details on ELMs *Section will meet online.*	Seats (Total: 35) ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: FMSC341 or FMST341. Formerly FMST341.* Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.

0101	William Knight **Meets June 1, 2009 - July 12, 2009** Class time/details on ELMs	Seats (Total: 25) ONLINE
0201	Katherine Speirs **Meets July 13, 2009 - August 21, 2009** Class time/details on ELMs	Seats (Total: 35) ONLINE

0202	William Knight	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

FMSC381 **Poverty, Affluence, and Families**

FMSC381 Poverty, Affluence, and Families; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: SOCY100 or SOCY105. Credit will be granted for only one of the following: FMSC381 or FMST381. Formerly FMST381. Social, political, cultural and economic factors influencing income and wealth in American families.

0201	Colleen Vesely	Seats (Total: 49)
	Meets July 13, 2009 - August 23, 2009	
	MW 2:00pm - 5:20pm	MMH 1400

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC/FMST330. Credit will be granted for only one of the following: FMSC381 or FMST381. Formerly FMST381. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.

0201	Jacqueline Wallen	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:30am - 12:50pm	MMH 1304

FMSC386 **Experiential Learning**

FMSC386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing. Credit will be granted for only one of the following: FMSC386 or FMST386. Formerly FMST386.

Contact department for information to register for this course.

FMSC399 **Independent Study**

FMSC399 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individualized family and community studies projects of interest to student and faculty.

Contact department for information to register for this course.

FMSC431 **Family Crises and Intervention**

FMSC431 Family Crises and Intervention; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Credit will be granted for only one of the following: FMSC431 or FMST431. Formerly FMST431. Family crises such as divorce, disability, substance abuse, financial problems, intra-familial abuse, and death. Theories and techniques for intervention and enhancement of family coping strategies.

0101	Robyn Zeiger	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:00pm - 5:20pm	MMH 1400

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100 or SOCY100 or SOCY105. Credit will be granted for only one of the following: FMSC460 or FMST460. Formerly FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation.

0301	Christine Schull	Seats (Total: 45)
	Meets June 1, 2009 - June 19, 2009	
	Class time/details on ELMs	ONLINE
0501	Christine Schull	Seats (Total: 45)
	Meets June 22, 2009 - July 10, 2009	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

FMSC477 **Internship and Analysis in Family Science**

FMSC477 *(PermReq)* **Internship and Analysis in Family Science; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: FMST383, plus an additional six FMSC/FMST credits and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMSC477, FMST347 or FMST477. Formerly FMST477. A supervised internship and a seminar requiring analysis. Opportunities to integrate theory and practice including 120 hours of contracted field experience. Summer or fall internship contracts due May 1; Spring contracts due December 1. See department for application procedures. A planned, supervised internship complemented by analysis. Opportunities to integrate theory and practice. Field experience requires minimum of 120 hours per semester.

0101	Nicole Finkbeiner	Seats (Total: 49)
	Meets June 1, 2009 - August 23, 2009	
	W 9:30am - 11:00am	MMH 0108
	Contact instructor or department for details.	

FMSC485 **Introduction to Family Therapy**

FMSC485 Introduction to Family Therapy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC/FMST330 or FMSC/FMST370; or one psychology course at 300 or above level. Credit will be granted for only one of the following: FMSC485 or FMST485. Formerly FMST485. The fundamental theoretical concepts and clinical procedures of marital and family therapy including premarital and divorce therapy issues.

0201	Lindsey Hoskins	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: FMSC487 or FMST487. Formerly FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.

0101	Kerry Tripp	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	MMH 3418

FMSC498 **Special Topics: Family Science**

FMSC498 *(PermReq)* **Special Topics: Family Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual family studies instruction course on topics of interest to student and faculty.

Contact department for information to register for this course.

FMSC498G **Special Topics: Family Science; Gender Equitable Communities**

FMSC498G *(PermReq)* **Special Topics: Family Science: Gender Equitable Communities; (3 credits)** Grade Method: REG/P-F/AUD.
Examination of issues surrounding images of masculinity and gendered interaction in American culture. Identification of challenges faced by men across genders. Exploration of the manifestation of these issues through a cultural and community context utilizing a theory based, interactive approach. Skills/strategies for creating a mentoring project for middle school males involving the application of course content will be explored.

0401	Elaine Anderson	Seats (Total: 15)
	Meets July 13, 2009 - July 31, 2009	
	MTuWTh 11:00am - 1:00pm Contact instructor or department for details.	MMH 1402

FMSC498T **Special Topics: Family Science; Sexuality: Issues in Family Therapy and Service Delivery**

FMSC498T Special Topics: Family Science: Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/P-F/AUD.

0101	Norman Epstein	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	MMH 1108A

FMSC498W **Special Topics: Family Science; War and Families**

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.

0401	Patricia Fanflik	Seats (Total: 45)
	Meets July 13, 2009 - July 31, 2009	
	Class time/details on ELMs	ONLINE

FMSC640 **Family Therapy: Theory and Techniques**

FMSC640 *(PermReq)* **Family Therapy: Theory and Techniques; (3 credits)** Grade Method: REG/AUD.
Credit will be granted for only one of the following: FMSC640 or FMST640. Formerly FMST640. Overview of fundamental theoretical concepts and clinical procedures in marital and family therapy, with an emphasis on those therapies which operate from a family systems perspective.

0201	Lindsey Hoskins	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

FMSC645 **Sexuality: Issues in Family Therapy and Service Delivery**

FMSC645 Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/AUD.
Prerequisites: a basic course in human sexuality and permission of instructor. Credit will be granted for only one of the following: FMSC645 or FMST645. Formerly FMST645. Typical, dysfunctional, and pathological sexual functioning: effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions or such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	MMH 1108A

FMSC654 **Clinical Marriage and Family Therapy Practice**

FMSC654 Clinical Marriage and Family Therapy Practice; (3 credits) Grade Method: REG/AUD.
Prerequisite: FMSC/FMST651. Limited to students admitted to the family therapy program. Credit will be granted for only one of the following: FMSC654 or FMST654. Formerly FMST654. Application of theory and technique to the clinical practice of marriage and family therapy. Emphasis on case management and clinic administration. Includes completion of 12 successive months and 500 hours of supervised, direct client contact with couples, families, and individuals from an integrative family systems perspective.

0101	Carol Werlinich **Meets June 1, 2009 - July 12, 2009** M 8:00am - 4:30pm	Seats (Total: 15) Location: TBA
0201	Carol Werlinich **Meets July 13, 2009 - August 23, 2009** M 8:00am - 4:30pm	Seats (Total: 15) Location: TBA

FMSC658 **Supervised Clinical Practice of Marriage and Family Therapy**

FMSC658 Supervised Clinical Practice of Marriage and Family Therapy; (1-2 credits) Grade Method: REG/AUD.

0101	Carol Werlinich **Meets June 1, 2009 - July 12, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310
0102	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310
0103	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310

0201	Carol Werlinich **Meets July 13, 2009 - August 23, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310
0202	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310
0203	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) MMH 1310

FMSC689 **Internship**

FMSC689 *(PermReq)* **Internship; (3-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Internship related to student's chosen specialization.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698C **Advanced Topics in Family Science; Family Crises and Intervention**

FMSC698C Advanced Topics in Family Science: Family Crises and Intervention; (3 credits) Grade Method: REG/AUD.

0101	Robyn Zeiger **Meets June 1, 2009 - July 12, 2009** TuTh 2:00pm - 5:20pm	Seats (Total: 50) MMH 1400

FMSC698P **Advanced Topics in Family Science; Play Therapy**

FMSC698P *(PermReq)* **Advanced Topics in Family Science: Play Therapy; (3 credits)** Grade Method: REG/AUD.

0101	Carol Werlinich	Seats (Total: 7)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	

FMSC698V **Advanced Topics in Family Science; Violence in Families**

FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits) Grade Method: REG/AUD.

0301	Christine Schull	Seats (Total: 45)
	Meets June 1, 2009 - June 19, 2009	
	Class time/details on ELMs	ONLINE
0501	Christine Schull	Seats (Total: 45)
	Meets June 22, 2009 - July 10, 2009	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 5, 2009, plea e-mail summer@umd.edu .	

FMSC698X **Advanced Topics in Family Science; Models of Couple and Family Therapy: Cross-Cultural Applications in China and the United States**

Contact department for information to register for this course.

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC789 **Non-Thesis Research**

FMSC789 *(PermReq)* **Non-Thesis Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC799 **Master's Thesis Research**

FMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC899 **Doctoral Dissertation Research**

FMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN French Summer 2009

FREN103 **Intensive Elementary French**

FREN103 Intensive Elementary French; (4 credits) Grade Method: REG/P-F/AUD. *Not open to students who have completed FREN101, FREN102, more than two years of high school French, or to fluent/native speakers of French. Credit will be granted for only one of the following: FREN102 or FREN103.* Covers speaking, reading, writing, listening, and culture of French-speaking world.

0101	Mary Scullen **Meets June 1, 2009 - July 12, 2009** MTuTh 9:00am - 12:00pm	Seats (Total: 25) JMZ 3203
0102	Elizabeth Schneider **Meets June 1, 2009 - July 12, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) SYM 0209

FREN203 **Intensive Intermediate French**

FREN203 Intensive Intermediate French; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN103 or equivalent. Not open to students who have completed FREN201, four years of high school French, or to fluent/native speakers of French. Credit will be granted for only one of the following: FREN201, FREN202 or FREN203. Formerly FREN202. Covers speaking, reading, writing, listening, and culture of French-speaking world.

0201	Katherine Tek **Meets July 13, 2009 - August 23, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3205
0202	Rebecca Cheek **Meets July 13, 2009 - August 23, 2009** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 1224

FREN204 **French Grammar and Composition**

FREN204 French Grammar and Composition; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN201 or FREN203. Open to students who have completed 4 years (Level 4) of high school French. Not open to native/fluent speakers of French.
Intensive study of French grammar and composition.

0101	Cybele Arnaud **Meets June 1, 2009 - July 12, 2009** TuTh 9:00am - 12:20pm	Seats (Total: 25) JMZ 1224

FREN386 **Experiential Learning**

FREN386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

FREN399 **Directed Study in French**

FREN399 Directed Study in French; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN399A **Directed Study in French; Maryland in Montpellier: French Language and Culture on the Mediterranean**
Contact department for information to register for this course.

FREN401 **Writing with Style**

FREN401 *(PermReq)* **Writing with Style; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: FREN301 or permission of department.* Advanced composition and stylistic analysis.

IHP1	Dorothee Polanz	Seats (Total: 20)
	Meets July 6, 2009 - July 23, 2009	
	MTuWTh 9:30am - 1:00pm	Location: TBA
	Outreach Offering for PGCPS/MCPS Foreign Language.	

FREN798 **Master's Independent Study**

FREN798 Master's Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN799 **Master's Thesis Research**

FREN799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN899 **Doctoral Dissertation Research**

FREN899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG Geographical Sciences Summer 2009

GEOG100 **Introduction to Geography**

GEOG100 Introduction to Geography; (3 credits) Grade Method: REG/P-F. CORE Behavioral and Social Science (SB) Course.
An introduction to the broad field of geography as it is applicable to the general education student. The course presents the basic rationale of variations in human occupancy of the earth and stresses geographic concepts relevant to understanding world, regional and local issues.

0201	Jacqueline Waite	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:30pm	LEF 1201

GEOG130 **Developing Countries**

GEOG130 *(PermReq)* **Developing Countries; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

04YS	Ronald Luna	Seats (Total: 30)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 10:00am - 1:00pm	LEF 2208
	This section is part of The Young Scholars Program. Prerequiste: permis ion of department.	

GEOG170 **Maps and Map Use**

GEOG170 Maps and Map Use; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
An exploration of ways in which maps are produced, including how data are gathered using remote sensing, how data are analyzed in geographic information systems, and how data are presented in cartographic form. Development of skills in map reading, data interpretation and analysis, environmental analysis, and user-oriented presentations.

0101	Karen Schleeweis	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:30pm	LEF 1171

GEOG201 **Geography of Environmental Systems**

GEOG201 Geography of Environmental Systems; (3 credits) Grade Method: REG/P-F/AUD.
CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. A systematic introduction to the processes and associated forms of the atmosphere and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.

0201	Kuan Song	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:30am - 1:00pm	LEF 2166

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. USP Distributive Studies Area A: Cultural and Historical Course.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"?

0101	Derrick Scott	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:30pm	LEF 1201

GEOG211 **Geography of Environmental Systems Laboratory**

GEOG211 Geography of Environmental Systems Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. Pre- or corequisite: GEOG201 or GEOL100 or GEOL120. A laboratory course to accompany GEOG 201. Analysis of the components of the earth's energy balance using basic instrumentation; weather map interpretation; soil analysis; the application of map and air photo interpretation techniques to landform analysis. There is a $40 lab fee associated with this course.

0201	Carolyn Harf	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 1:30pm - 3:00pm	LEF 1138

GEOG298A **Special Topics in Geography; Croatia: A Country in Transition,Emerging from War and Communism**

Contact department for information to register for this course.

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GEOG398Q. Credit will be granted for only one of the following: GEOG398Q or GEOG306. Formerly GEOG398Q. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. This course has a $40 lab fee.

0101	Praveen Noojipady	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:30pm	LEF 1124

GEOG310 **Maryland and Adjacent Areas**

GEOG310 Maryland and Adjacent Areas; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: GEOG310 or GEOG321. Formerly GEOG321. The physical environment, natural resources, and population in relation to agriculture, industry, transport, and trade in the State of Maryland and adjacent areas.

0201	Allen Eney	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:30pm	LEF 2166

GEOG312 **The United States and Canada**

GEOG312 The United States and Canada; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: GEOG312 or GEOG320. Formerly GEOG320. The two countries as functioning geographic systems with important differences and key linkages. An examination of the cultural, environmental, and economic components and their spatial variation. Attention to the role of regions in national economies.

0201	Allen Eney	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:00am - 12:30pm	LEF 2166

GEOG313 **Latin America**

GEOG313 Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Credit will be granted for only one of the following: GEOG313 or GEOG323. Formerly GEOG323. A geography of Latin America and the Caribbean in the contemporary world: political and cultural regions, population and resource distribution, historical development, current levels of economic and social well-being, urbanization, development policies, migration trends, physical features and climates.

0101	Ronald Luna	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:30pm - 4:00pm	LEF 1222

GEOG328P **Topics in Regional Geography; The Geography of Puerto Rico**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. This course has a $40 lab fee.

0101	Alyssa Whitcraft	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:30pm	LEF 1124

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40 lab fee for this course.

0201	Elise Pittman	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:30pm	LEF 2166

GEOG384 **Internship in Geography I**

GEOG384 *(PermReq)* **Internship in Geography I; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Only GEOG384 will count toward the major requirement. Prerequisite: GEOG201/211, GEOG212, GEOG306 and (ENGL391 or ENGL393). For GEOG majors only.
Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG385 **Internship in Geography II**

GEOG385 *(PermReq)* **Internship in Geography II; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Only GEOG384 will count toward the major requirement. GEOG385 will count toward university requirements. Prerequisite: GEOG201, GEOG211, GEOG212, GEOG306 and Junior English. For GEOG majors only. Supervised field training to provide career experience. Introduction to professional-level activities, demands, opportunities. Placement at a public agency, nonprofit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG398 **Special Topics in Geography**

GEOG398 Special Topics in Geography; (3 credits) Grade Method: REG/P-F/AUD.

0110	Ronald Luna **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0210	Ronald Luna **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG498A **Topical Investigations; Croatia: A Country in Transition, Emerging from War and Communism**
Contact department for information to register for this course.

GEOG506 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**
Contact department for information to register for this course.

GEOG579 **Introduction to Remote Sensing and GIS; Introduction to GIS**
Contact department for information to register for this course.

GEOG579B **Introduction to Remote Sensing and GIS; Introduction to Remote Sensing**
Contact department for information to register for this course.

GEOG603 **Masters Research Tutorial**
Contact department for information to register for this course.

GEOG606 **Quantitative Spatial Analysis**
Contact department for information to register for this course.

GEOG788 **Selected Topics in Geography**

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG789 **Independent Readings**

GEOG789 *(PermReq)* **Independent Readings; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

GEOG790 **Internship in Geography**

GEOG790 *(PermReq)* **Internship in Geography; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Field experience in the student's specialty in a Federal, state, or local agency or private business. Research paper required. Contact department to make arrangements.

Contact department for information to register for this course.

GEOG795 **Professional Practices Seminar**
Contact department for information to register for this course.

GEOG799 **Master's Thesis Research**

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG899 **Doctoral Dissertation Research**

GEOG899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL Geology Summer 2009

GEOL100 **Physical Geology**

GEOL100 Physical Geology; (3 credits) Grade Method: REG/P-F/AUD. *CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. Credit will be granted for only one of the following: GEOL100 or GEOL120.* A general survey of the rocks and minerals composing the earth, its surface features and the agents that form them, and the dynamic forces of plate tectonics.

0101	Tracey Centorbi	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 10:50am	CSS 2428

GEOL110 **Physical Geology Laboratory**

GEOL110 Physical Geology Laboratory; (1 credit) Grade Method: REG/P-F/AUD. *CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. Pre- or corequisite: GEOL100 or GEOL120.* The basic materials and tools of physical geology stressing familiarization with rocks and minerals and the use of maps in geologic interpretations. Students must pay a $50.00 Laboratory Materials fee.

0101	Barry Reno	Seats (Total: 26)
	Meets June 1, 2009 - July 12, 2009	
	MW 12:00pm - 3:00pm	GEO 2106

GEOL120 **Environmental Geology**

GEOL120 Environmental Geology; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Credit will be granted for only one of the following: GEOL100 or GEOL120. A review of geologic factors underlying many environmental problems and the interactions between population and physical environment: geologic hazards, land-use planning, conservation, mineral resources, waste disposal, land reclamation, and the geologic aspects of health and disease. The course is aimed at lower division students in education and liberal arts, and should be useful to any student concerned with geologic perspectives of environmental problems.

0101	Tracey Centorbi	Seats (Total: 40)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 12:30pm - 1:50pm	CSS 2428	
04YS	Tracey Centorbi	Seats (Total: 40)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:30am - 12:30pm TuTh 2:00pm - 3:30pm	HBK 0115 GEOL 2106	 Lab
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the summer programs website for further information.		

GEOL499 **Special Problems in Geology**

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL799 **Master's Thesis Research**

GEOL799 Master's Thesis Research; (1-4 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL898 **Pre-Candidacy Research**

GEOL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL899 **Doctoral Dissertation Research**

GEOL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GERM Germanic Studies Summer 2009

GERM103 **Intensive Elementary German**

GERM103 Intensive Elementary German; (4 credits) Grade Method: REG/P-F/AUD.
Not open to students who have completed GERM101, GERM102, more than two years of high school German, or to fluent/native speakers of German. Credit will be granted for only one of the following: GERM102 or GERM103. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0101	Sabine Eubanks	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 9:30am - 11:45am	PLS 1162

GERM203 **Intensive Intermediate German**

GERM203 Intensive Intermediate German; (4 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: GERM103 or equivalent. Not open to students who have completed GERM201, GERM202, four years of high school German, or to fluent/native speakers of German. Credit will be granted for only one of the following: GERM202 or GERM203. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0201	Ina Sammler	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 9:30am - 11:45am	PLS 1176

GERM285 **German Film and Literature**

GERM285 German Film and Literature; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
A visual approach to German literature through a study of the historical, cultural, and literary significance of German films. Representative examples from the golden age of German silent films to the new German cinema. Taught in English. This course will meet in the non-print media room in Hornbake Library.

0101	Christina Wall	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:15pm	JMZ 0205

GERM498K **Honors Thesis Writing; Cameroon: European Colonialism**
Contact department for information to register for this course.

GERM499 **Directed Study**

GERM499 Directed Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GERM499A **Directed Study; Cameroon Service Learning**
Contact department for information to register for this course.

GERM899 **Doctoral Dissertation Research**

GERM899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT Government and Politics Summer 2009

GVPT100 **Principles of Government and Politics**

GVPT100 Principles of Government and Politics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A study of the basic principles and concepts of political science.

0101	Alexander Otruba **Meets June 1, 2009 - July 12, 2009** TuTh 9:00am - 12:20pm	Seats (Total: 40) TYD 0101
0201	Scott Racek **Meets July 13, 2009 - August 23, 2009** MW 9:00am - 12:20pm	Seats (Total: 40) TYD 1101
06FF	Susan Lee **Meets August 3, 2009 - August 21, 2009** MTuWTh 12:00pm - 3:20pm *Part of Freshmen First. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.*	Seats (Total: 40) TYD 1118

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A comprehensive study of national government in the United States.

0101	Anne Cizmar **Meets June 1, 2009 - July 12, 2009** MW 9:00am - 12:15pm	Seats (Total: 40) TYD 1101

GVPT200 **International Political Relations**

GVPT200 International Political Relations; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: GVPT100. A study of the major factors underlying international relations, the methods of conducting foreign relations, the foreign policies of the major powers, and the means of avoiding or alleviating international conflicts.

0201	Nicholas Grossman **Meets July 13, 2009 - August 23, 2009** TuTh 12:30pm - 3:50pm	Seats (Total: 40) TYD 1102

04YS	Guy Ziv	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 10:00am - 1:00pm	TYD 1108
	This section is part of The Young Scholars Program. Prerequiste: permission of department.	

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT100. For GVPT majors only. Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

0101	Sung Paik	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MW 12:30pm - 3:50pm	TYD 1111
0201	Alison Staudinger	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:00am - 12:20pm	TYD 1111

GVPT260 **State and Local Government**

GVPT260 State and Local Government; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170. A study of the functioning and problems of state and local government in the United States, with illustrations from Maryland jurisdictions.

0201	Daniel Biggers	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

GVPT280 **Comparative Politics and Governments**

GVPT280 Comparative Politics and Governments; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT100. An introduction to the comparative study of politics and governance, including the analytical frameworks for studies of politics and governmental institutions and a survey of the major types of European regimes. This course introduces students to some of the fundamentals of domestic-level politics in a variety of countries around the world, and asks some of the big questions in comparative politics: what is the state, and what is power? What are some of the major institutions that comprise a state? What are ideologies and what is nationalism- how do ideas matter in politics? What do we know about political transitions, and when do they lead to democracy or authoritarianism? These are just an example of the themes and questions explored in this stimulating and thought-provoking course, a course that everyone interested in politics should take.

0101	Emilbek Dzhuraev	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:30pm - 3:45pm	ASY 3203

GVPT289M **Special Topics in Government and Politics; Trial Advocacy**

GVPT289M *(PermReq)* **Special Topics in Government and Politics: Trial Advocacy; (3 credits)** Grade Method: REG/P-F/AUD.
Experience the excitement and reward of arguing, and perhaps winning your client's case in court. After a brief introduction to the rules of evidence and trial practice, this exciting, hands-on program will teach you how to prepare and present your case to a judge or jury, how to handle witness examination and how to give effective oral arguments. This new and innovative course provides you with lectures on the essentials of trial practice as well as coaching and practice in oral advocacy, which will prepare you to join the national championship UMD Mock Trial team when you enroll and that will give you confidence in public speaking and presentation.

04YS	Jonathan Hensley	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:30pm	KEY 0126
	This section is part of The Young cholars Program. Enrollment by permission only. Please access the Summer rograms website for further information.	

GVPT309M **Topics in International Relations; Egypt and Israel**
Contact department for information to register for this course.

GVPT309P **Topics in International Relations; Inter and intra-state conflict and its resolution in Latin America**

GVPT309P Topics in International Relations: Inter and intra-state conflict and its resolution in Latin America; (3 credits) Grade Method: REG/P-F/AUD.
Integrates the analysis of violent domestic and international conflict in Latin America and alternative approaches for its resolution. Providing a historical background to conflicts in the region, the curriculum primarily focuses on contemporary developments, particularly those opening up new possibilities for conflict resolution in the post-ColdWar and globalization periods. The first part deals withmacro-analysis and alternative explanatory theories for the limited violence in inter-state conflicts and the emergence of a zone of peace in the continent. The second part of the course covers selected case studies of conflicts that have been managed in the last decades, as wellas those that are stilllatent and may require preventive action. Thecourse will end with a discussion about present and future trends of conflicts in the region and alternative despute resolution mechanisms, in both Track I and Track II diplomacy.Also offered as LASC448B and SPAN448B.

0201	Edward Kaufman	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:20pm	TYD 0111

GVPT309X **Topics in International Relations; Conflict Resolution - The Israeli Palestinian Experiment**

GVPT309X Topics in International Relations: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
This groundbreaking interactive course allows an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Prof. Manuel Hassassian has been the Executive Vice-President of the Bethlehem University and currently the ambassador of the Palestinian Authority in the United Kingdom. Prof. Edy Kaufman, has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Managemen t at UMD and is concurrently teaching at the Interdisciplinary Center in Herzlyia, Israel. For more information on the course please click here .

0201	Edward Kaufman, M. Hassassian	Seats (Total: 35)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:20pm	TYD 1118

GVPT386 **Experiential Learning**

GVPT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

GVPT388 **Topical Investigations**
Contact department for information to register for this course.

GVPT388A **Topical Investigations; Analysis of Concepts and Filmic Images**

GVPT388A Topical Investigations: Analysis of Concepts and Filmic Images; (3 credits) Grade Method: REG/P-F/AUD.
Concurrent registration in GVPT 399A is strongly recommended for a total of 6 credits. See course description under GVPT 399A.

0301	James Glass	Seats (Total: 75)
	Meets June 1, 2009 - June 19, 2009	
	Class time/details on ELMs	ONLINE

GVPT388I **Topical Investigations; Public Policy Internship Program**

GVPT388I *(PermReq)* **Topical Investigations: Public Policy Internship Program; (1-3 credits)** Grade Method: REG/P-F/AUD.

0201	Melissa Bell	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

GVPT389 **Experiential Learning II**

GVPT389 Experiential Learning II; (3 credits) Grade Method: REG/P-F/AUD.

0201	Jennifer Coarts	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

GVPT399A **Seminar in Government and Politics; Films and the Politics of the Family**

GVPT399A Seminar in Government and Politics: Films and the Politics of the Family; (3 credits) Grade Method: REG/P-F/AUD.
May be taken concurrently with GVPT 388A for a total of 6 credits. Survey of films to understand the politics of the family. Emphasis on families, their struggles over power, the effects of loneliness, despair and disintegration, and the politics implicit in these emotional realities.

0301	James Glass	Seats (Total: 168)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:30pm - 4:30pm	JMZ 0220

GVPT409B **Seminar in International Relations and World Politics; Politics of the Arab World**

GVPT409B Seminar in International Relations and World Politics: Politics of the Arab World; (3 credits) Grade Method: REG/P-F/AUD.
The course covers Arab politics, focusing mainly on the socioeconomic transformation of Arab neo-patriarchal society, the resurgence of fundamental Islam and the challenges of Western modernization. It will cover a wide range of topics dealing with political ideology and religion in the Middle East (ME). In this context, we attempt to deal with historical trends and future challenges to better understand current issues such as the relevance of the US policies vis-a-vis the ME:the cases of Iran, Iraq, Syria, and Palestine; the rise of terrorism,political orientation or religious xenophobia; democracy in the region and reflections on Hamas's recent ascension to power; the politics of oil and its impact on American policy in the Middle East. (Prof. Hassassian has been the rector and Vice-president of Bethlehem University and is currently serving with an ambassadorial rank as the Palestinian General Representative in the United Kingdom.)

0201	M. Hassassian	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:20pm	TYD 1108

GVPT409D **Seminar in International Relations and World Politics; Citizens' Diplomacy: Transforming Violent Conflict**

GVPT409D Seminar in International Relations and World Politics: Citizens' Diplomacy: Transforming Violent Conflict; (3 credits) Grade Method: REG/P-F/AUD.
Additional workshop times - Friday, July 10th 6-9:00 p.m.; Saturday, July 11th and Sunday, July 12th from 9:00 a.m. - 1:00 p.m. and 2:00 - 6:00 p.m. This course aims to develop the practical skills needed to facilitate the transformation of interpersonal, organizational or community conflict as well as more complex societal conflicts. Join us also in an experiment during weekend workshop using multi-track diplomacy to search for common ground in ongoing conflict in the Middle East. The planned simulation will be facilitated by Prof. John Davies with support form Prof. Edward (Edy) Kaufman, both with over 20 years' experience in using multi-track and citizens; diplomacy in many countries suffering from war, terrorism, and instability around the world. Noe prerequisites. Click here for more course information. Click here for more course information.

0501	John Davies	Seats (Total: 30)
	Meets June 22, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:20pm	TYD 1101
	Students who wish to register for this section after June 5, 2009, plea e email summer@umd.edu .	

GVPT419C **Seminar in Public Policy; The Business-Government Relationship**

GVPT419C Seminar in Public Policy: The Business-Government Relationship; (3 credits) Grade Method: REG/P-F/AUD.

0101	Rabih Helou	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

GVPT457 **American Foreign Relations**

GVPT457 American Foreign Relations; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: GVPT200. Junior standing. For GVPT majors only.* The principles and machinery of the conduct of American foreign relations, with emphasis on the Departments of State and Defense, and an analysis of the major foreign policies of the United States.

0101	Michael McDonald	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 4:00pm - 7:15pm	TYD 1101

GVPT475 **The Presidency and the Executive Branch**

GVPT475 The Presidency and the Executive Branch; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170 and GVPT241. Junior standing. For GVPT majors only. An examination of the U.S. presidency in historical and contemporary perspective: nomination and electoral politics and the president's place in policy-making, administration, and public opinion. This course will be taught online.

0101	James Curry	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

GVPT479N **Seminar in American Politics; Culture Wars in the United States**

GVPT479N Seminar in American Politics: Culture Wars in the United States; (3 credits) Grade Method: REG/P-F/AUD.
The historical and contemporary performance of the arts in U.S. government will be examined. Focus will be on the status of the arts as a policy tool, with examination of how Congress and the presidency have used the policy as a political platform. Addtional dialogue will be on the development of arts policy in the U.S. states and other countries.

0101	Elizabeth Bentley-Smith	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:30pm - 3:50pm	TYD 1102

GVPT479R **Seminar in American Politics; Bureaucratic Politics: Disaster, Crisis, and Public Policy**

GVPT479R Seminar in American Politics: Bureaucratic Politics: Disaster, Crisis, and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
This course will be taught on-line.

0201	Katherine Baxter **Meets July 13, 2009 - August 23, 2009** Class time/details on ELMs	Seats (Total: 40) ONLINE

GVPT808D **Selected Topics in Functional Problems in International Relations; Citizens' Diplomacy: Transforming Violent Conflict**

GVPT808D Selected Topics in Functional Problems in International Relations: Citizens' Diplomacy: Transforming Violent Conflict; (3 credits) Grade Method: REG/AUD.

Additional workshop times - Friday, July 10th 6-9:00p.m.; Saturday, July 11th and Sunday, July 12th form 9:00 a.m. - 1:00 p.m. and 2:00 - 6:00 p.m. This course aims to develop the practical skills needed to facilitate the transformation of interpersonal, organizational or community conflict as well as more complex societal conflicts. Join us in an experiment during the weekend workshop using multi-track diplomacy to search for common ground in ongoing conflict in the Middle East. The planned simulation will be facilitated by Prof. John Davies with support from Prof. Edward (Edy) Kaufman, both with over 20 years' experience in using multi-track and citizens' diplomacy in many countries suffering form war, terrorism, and instability around the world. No prerequisites. Click here for more course information. Click here for more course information.

0501	John Davies **Meets June 22, 2009 - July 12, 2009** TuTh 6:00pm - 9:20pm *Students who wish to register for this section after June 5,2009, pleas email summer@umd.edu .*	Seats (Total: 30) TYD 1101

GVPT849 **Readings in Government and Politics**

GVPT849 Readings in Government and Politics; (3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

GVPT898 **Pre-Candidacy Research; Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research: Pre-Candidacy Research; (1-3 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT899 **Doctoral Dissertation Research**

GVPT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP Hearing and Speech Sciences Summer 2009

HESP120 **Introduction to Linguistics**

HESP120 Introduction to Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles.

0101	Tess Wood	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MWF 9:00am - 11:30am	LEF 1221

HESP311 **Anatomy, Pathology and Physiology of the Auditory System**

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP202 with a grade of "C" or better, or permission of department.
Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central auditory system. Causes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments.

0101	Kelly King	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 12:00pm - 3:20pm	LEF 1220

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

HESP388 **Undergraduate Research Externship**

HESP388 Undergraduate Research Externship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP389 **LEAP Classroom Internship**

HESP389 LEAP Classroom Internship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP417 **Principles and Methods in Speech-Language Pathology and Audiology**

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: HESP400, HESP411, and at least one of HESP402, HESP404, HESP406, or HESP408 with a grade of "C" (2.0) or better; or permission of department. For HESP majors or permission of department. Offered fall only. The principles underlying the treatment of speech, language and hearing disorders in children and adults.

0201	Brad Ingrao, Kathryn Dow-Burger	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 9:30am - 11:45am	LEF 0135

HESP420 **Deafness and Sign Language**

HESP420 Deafness and Sign Language; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: HESP498A or HESP420. An introduction to American Sign Language and Deaf Culture.

0101	Susan Jacoby, Mary Kinsella-Meier	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:20pm	LEF 0135

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP625 **Dysphagia**

HESP625 Dysphagia; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Credit will be granted for only one of the following: HESP 639B or HESP 625. Nature and clinical management of dysphagia as it pertains to different clinical settings for adult and pediatric populations.

0201	Barbara Sonies	Seats (Total: 30)
	Meets July 13, 2009 - August 5, 2009	
	MTuW 10:00am - 12:45pm Contact instructor or department for details.	SQH 1120
	Lecture/Lab meets on Friday July 18 and Friday July 25 from 10am-12pm.	

HESP635 **Aural Rehabilitation/Habilitation**

HESP635 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/AUD. Principles, methods and procedures for aural rehabilitation/habilitation in children and adults.

0102	Paula Schauer	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:15pm	LEF 0135

HESP638 **Research Practicum; Minor Research Problems**

HESP638 Research Practicum: Minor Research Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP646 **Educational Audiology**

HESP646 Educational Audiology; (3 credits) Grade Method: REG. *Prerequisite: HESP 606. Recommended: HESSP 645.* Examination of historical and current trends influencing educational programming for hearing-impaired children, communication options for severely and profound hearing-impaired children, and the role of the audiologist in the educational setting. This course is taught at Kendall Demonstration Elementary School at Gallaudet University.

0201	Lauren Wawroski **Meets July 13, 2009 - August 23, 2009** TuTh 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 10) LEF 0135

HESP648B **Clinical Practice in Speech**

HESP648B Clinical Practice in Speech; (1-2 credits) Grade Method: REG/AUD.

0101	Vivian Sisskin **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0102	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0103	Maria Dixon **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0104	Arpana Lingaraj **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)

0105	Dianne Handy **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0107	Phyllis Bonelli **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)

HESP649A **Clinical Practice in Audiology**

HESP649A Clinical Practice in Audiology; (1-2 credits) Grade Method: REG/AUD.

0101	Sharon Palmer **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)

HESP649B **Clinical Practice in Audiology; Aural Rehabilitation**

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP658A **Special Clinical Topics in Hearing and Speech**

HESP658A Special Clinical Topics in Hearing and Speech; (2 credits) Grade Method: REG/AUD.

0101	Tracy Fitzgerald **Meets June 1, 2009 - July 12, 2009** TuTh 4:30pm - 7:30pm	Seats (Total: 20) LEF 1222

HESP658B **Special Clinical Topics in Hearing and Speech**

HESP658B Special Clinical Topics in Hearing and Speech; (1 credit) Grade Method: REG/AUD.

0101	Margaret McCabe **Meets June 1, 2009 - August 23, 2009** W 4:30pm - 7:00pm	Seats (Total: 20) LEF 1222

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP729 **Advanced Clinical Practice in Audiology**

HESP729 Advanced Clinical Practice in Audiology; (1-8 credits) Grade Method: REG/AUD.

0101	Margaret McCabe **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0201	Margaret McCabe **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

HESP729B **Advanced Clinical Practice in Audiology**

HESP729B Advanced Clinical Practice in Audiology; (1-8 credits) Grade Method: REG/AUD.

0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 20)

HESP788 **Graduate Research Externship**

HESP788 Graduate Research Externship; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 **Clinical Internship Residency**

HESP829 Clinical Internship Residency; (1-9 credits) Grade Method: REG/AUD.

0101	Margaret McCabe	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Margaret McCabe	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG/S-F.

0201	Margaret McCabe	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (2 credits) Grade Method: REG/S-F. Pre- or Corequisite: HESP849.

0201	Sandra Gordon-Salant	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP899 **Doctoral Dissertation Research**

HESP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HISP Historic Preservation Summer 2009

HISP619R **Special Topics in Historic Preservation; The Architecture of Revivals**

HISP619R Special Topics in Historic Preservation: The Architecture of Revivals; (3 credits) Grade Method: REG/AUD.

0201	Philip Jacks	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:40pm	ASY 3203

HISP629 **Independent Studies in Historic Preservation**

HISP629 Independent Studies in Historic Preservation; (1-3 credits) Grade Method: REG/AUD.

0110	Donald Linebaugh	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0210	Donald Linebaugh	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

HISP660 **Internship in Historic Preservation**

HISP660 Internship in Historic Preservation; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department. Formerly HISP619.* Students will secure a summer internship with an organization engaged in historic preservation work (this can be a public agency, nonprofit, or private firm). The students will formulate a plan of work and a series of pedagogical goals to satisfy both the practical needs of the project and the academic requirements for the course.

0101	Donald Linebaugh **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 20)
0201	Donald Linebaugh **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

HISP701 **Certificate Portfolio Project**

HISP701 Certificate Portfolio Project; (1 credit) Grade Method: REG/AUD. *Prerequisite: permission of department. Recommended: HISP600, HISP610, and HISP640.* Students will gather samples of their work and craft a synthetic statement on their experiences in their HISP certificate courses (for example, picking up on themes such as community involvement, diversity of practice, affordable housing, or sustainability), and the ways in which they have integrated historic preservation into their thinking and practice in their home discipline.

0201	Donald Linebaugh **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 15)

HIST History Summer 2009

HIST156 **History of the United States to 1865**

HIST156 History of the United States to 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

0201	Donald McNeilly **Meets July 13, 2009 - August 23, 2009** MWTh 2:00pm - 4:15pm	Seats (Total: 40) KEY 0103

HIST157 **History of the United States Since 1865**

HIST157 History of the United States Since 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

0101	Jeremy Sullivan **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) KEY 0103
0201	Edwin Smead **Meets July 13, 2009 - August 23, 2009** MTuWThF 10:00am - 11:20am	Seats (Total: 40) KEY 0103

HIST219C **Special Topics in History; Terrorism in the 20th Century**

HIST219C Special Topics in History: Terrorism in the 20th Century; (3 credits) Grade Method: REG/P-F/AUD.

0101	Edwin Smead **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) KEY 0116

HIST219K **Special Topics in History; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

HIST233 **Empire! The British Imperial Experience 1558-1997**

HIST233 Empire! The British Imperial Experience 1558-1997; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
Credit will be granted for only one of the following: HIST219P or HIST233. Formerly HIST219P. Britain's empire from the mid-sixteenth century to the late twentieth century, focusing on the encounter between Britain and indigenous peoples. Topics include the origins of British imperialism in Ireland and North America, the slave trade, the East India Company and India, women in Empire, transportation and the making of Australia, sex in empire, missionaries, racial theories and decolonizaiton.

0601	Michael Soracoe	Seats (Total: 40)
	Meets August 3, 2009 - August 21, 2009	
	MTuWThF 9:00am - 12:30pm	KEY 0102
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

HIST299 **Directed Research**

HIST299 *(PermReq)* **Directed Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST319A **Special Topics in History; Radical Regimes in the Arab World**

HIST319A Special Topics in History: Radical Regimes in the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

0201	Ibrahim Ali	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:15pm	KEY 0125

HIST319D **Special Topics in History; America in the Movies: Major Themes in 20th Century**

HIST319D Special Topics in History: America in the Movies: Major Themes in 20th Century; (3 credits) Grade Method: REG/P-F/AUD.

0201	Susan Malka	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 4:30pm - 7:45pm	KEY 0102

HIST319E **Special Topics in History; History of the Arab Israeli Conflict**

HIST319E Special Topics in History: History of the Arab Israeli Conflict; (3 credits) Grade Method: REG/P-F/AUD.

01Z1	Ibrahim Ali	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:15pm	SGII 3052
	This section meets at the Shady Grove campus.	

HIST319K **Special Topics in History; Law, the Constitution, and American Society in the Twentieth Century**

HIST319K Special Topics in History: Law, the Constitution, and American Society in the Twentieth Century; (3 credits) Grade Method: REG/P-F/AUD.

0101	Ian Drake	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:15pm	KEY 0103

HIST319V **Special Topics in History; America in the 1960s**

HIST319V Special Topics in History: America in the 1960s; (3 credits) Grade Method: REG/P-F/AUD.

0501	Katarina Keane	Seats (Total: 40)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:30pm - 4:45pm	KEY 0126
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

HIST328A **Selected Topics in History; Gender & Slavery in the Americas**

HIST328A Selected Topics in History: Gender & Slavery in the Americas; (3 credits) Grade Method: REG/P-F/AUD.

0301	Patricia Acerbi	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:30am - 12:45pm	KEY 0102

HIST328B **Selected Topics in History; Slavery & Emancipation in the Americas**

HIST328B Selected Topics in History: Slavery & Emancipation in the Americas; (3 credits) Grade Method: REG/P-F/AUD.

0401	Theodore Cohen	Seats (Total: 40)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 12:30pm	KEY 0116

HIST328E **Selected Topics in History; The Haymarket Affair: Violence, Nativism, and Free Speech inGilded Age America**

HIST328E Selected Topics in History: The Haymarket Affair: Violence, Nativism, and Free Speech inGilded Age America; (3 credits) Grade Method: REG/P-F/AUD. This course uses the bombing of May 4, 1886, and the sensational trial that followed to examine the social, political and economic changes that transformed the U.S. during the late nineteenth century

0401	John McKerley	Seats (Total: 40)
	Meets July 13, 2009 - July 31, 2009	
	Class time/details on ELMs	ONLINE

HIST329K **Special Topics in History; History of Rock 'n' Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n' Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

0401	Andrew Kellett	Seats (Total: 35)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 12:00pm - 3:15pm	KEY 0125

HIST330 **Europe in the Making: The Early Medieval West (A.D. 300-1000)**

HIST330 Europe in the Making: The Early Medieval West (A.D. 300-1000); (3 credits) Grade Method: REG/P-F/AUD.
From one empire to another: Rome to Charlemagne. This period is approached as a crucible in which classical, Christian, and Germanic elements merged, yielding new experimental syntheses. This course will deal with issues of authority, cultural trends, and the formation of group solidarity.

0101	Janna Bianchini	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 12:30pm - 1:50pm	KEY 0116

HIST332 **Renaissance Europe**

HIST332 Renaissance Europe; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST111 or HIST112; or permission of instructor. Intellectual developments in Italy and Northern Europe from 1300 to 1550 and their influence on the arts and religion; social and economics trends, including the rise of the commercial economy in cities; the family and the role of women in society; expansion of Europe overseas and the beginnings of colonization; emergence of the state and consequent changes in political theory. This course is taught entirely online. Please make sure your email address is listed correctly. You may contact the instructor with questions at psoergel@umd.edu.

0301	Philip Soergel	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	Class time/details on ELMs	ONLINE

HIST344 **Revolutionary Russia**

HIST344 Revolutionary Russia; (3 credits) Grade Method: REG/P-F/AUD.
An exploration of the roots, dynamics and consequences of the Russian Revolution of 1917. Major interpretations of the fall of tsarism, social and political forces at play, Leninism and Stalinism.

0301	Michael David-Fox	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:30am - 12:45pm	KEY 0126

HIST356 **Emergence of Modern America, 1900-1945**

HIST356 Emergence of Modern America, 1900-1945; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST157, HIST211, HIST213, HIST222, HIST255, HIST265, or HIST275; or permission of instructor. The emergence of modern institutions and identities, 1900-1945. These institutions may include corporate enterprises and the welfare state; identities include homosexuality, the New Woman and the New Negro.

0201	David Sicilia	Seats (Total: 40)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:15pm	KEY 0103

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST157, HIST211, HIST213, HIST222, HIST255, HIST265, or HIST275; or permission of instructor. American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

0101	Edwin Smead	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 12:30pm - 1:50pm	KEY 0103

HIST386 **Experiential Learning**

HIST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing. The History Department's Internship program. Pre-professional experience in historical research, analysis and writing in a variety of work settings.

Contact department for information to register for this course.

HIST436 **French Revolution and Napoleon**

HIST436 French Revolution and Napoleon; (3 credits) Grade Method: REG/P-F/AUD.
The causes and course of the French Revolution with emphasis on the struggle among elites, popular intervention, the spread of counterrevolution, the Terror as repression and popular government, the near collapse of the Republic, and the establishment and defeat of dictatorship. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0501	Donald Sutherland	Seats (Total: 39)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:30pm - 4:45pm	KEY 0125
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

HIST462 **The United States Civil War**

HIST462 The United States Civil War; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST156, HIST210, HIST213, HIST222, HIST254, or HIST275; or permission of instructor.* Causes of the Civil War; sectional politics and secession; resources and strategy of the Confederacy and the Union; changing character of the war; emancipation and its consequences: economic, social and political conditions on the home front; and the wartime origins of Reconstruction. Not a military history course; little attention to the tactics of particular battles.

0101	Jonathan White	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:15pm	KEY 0103

HIST499 **Independent Study**

HIST499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST600 **Historiography**

HIST600 *(PermReq)* **Historiography; (3 credits)** Grade Method: REG/AUD. Historical writing and critical analysis of selected interpretations and generalizations made by leading historians with examples from both European and United States history.

0601	Philip Soergel	Seats (Total: 2)
	Meets August 3, 2009 - August 21, 2009	
	Contact instructor or department for details.	
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

HIST619 **Special Topics in History**
Contact department for information to register for this course.

HIST619A **Special Topics in History; Independent Study**
Contact department for information to register for this course.

HIST619B **Special Topics in History; Independent Study**

HIST619B *(PermReq)* **Special Topics in History: Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST708 **Directed Independent Reading for Comprehensive Examinations I**

HIST708 Directed Independent Reading for Comprehensive Examinations I; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST709 **Directed Independent Reading for Comprehensive Examinations II**

HIST709 Directed Independent Reading for Comprehensive Examinations II; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST799 **Master's Thesis Research**

HIST799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819 **Special Topics in History: Independent Research**

HIST819 *(PermReq)* **Special Topics in History: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819A **Special Topics in History: Independent Research**

HIST819A *(PermReq)* **Special Topics in History: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST899 **Doctoral Dissertation Research**

HIST899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA Health Services Administration Summer 2009

HLSA601 **Introduction to Health Systems**

HLSA601 Introduction to Health Systems; (3 credits) Grade Method: REG/AUD. *Formerly: HLTH688A or HLTH740. Not open to students who have completed HLTH688A or HLTH740. Credit will be granted for only one of the following: HLSA601, HLTH688A, or HLTH740.* Management and leadership skills for effective public health planning, organization, management and administration. Emphasis is on the role of institutions in learning and behavioral change process, organizational theory, administration management, and coordinating provision of community health services.

0101	Arthur Reynolds **Meets June 1, 2009 - July 12, 2009** TuTh 1:00pm - 4:15pm	Seats (Total: 25) SPH 0303

HLSA688 **Independent Study**

HLSA688 Independent Study; (1-6 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)

HLSA689 **Field Work in Aging**

HLSA689 Field Work in Aging; (1-6 credits) Grade Method: REG.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 2)

HLSA730 **Healthcare Human Resources**

HLSA730 Healthcare Human Resources; (3 credits) Grade Method: REG/AUD. Provides an introduction to the management of human resources in the healthcare setting using basic human resources management doctrine common to all industries. Content includes principles and methods of personnel including employment, recruitment, selection, retention, training and development, compensation including wage and salary administration performance appraisal, job analysis and labor relations.

0201	Christopher King	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Sa 8:00am - 3:00pm	CHM 1224

HLSA750 **Healthcare Management Information Systems**

HLSA750 Healthcare Management Information Systems; (3 credits) Grade Method: REG/AUD.
Provides a background and overview of the analysis, design, evaluation, selection, installation, use, and mangement of information systems in health care settings. Students will review the information management function and value of information and the role of information technology in the provision of high quality care and management decision making. Details on computer hardware, software, networking, and telecommunications sufficient for understanding of concepts relevant to health care managers and staff will be addressed.

0101	Chiehwen Hsu	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

HLTH Health Summer 2009

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

0101	Denise Bellows	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

0201	Jessica Jordan	Seats (Total: 45)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

HLTH150 **First Aid and Emergency Medical Services**

HLTH150 First Aid and Emergency Medical Services; (2 credits) Grade Method: REG/P-F/AUD.
Lecture, discussion and practice to train students in cardiopulmonary resuscitation (CPR) for adults, children and infants. Students will also learn first aid skills related to hemorrhage control, care for musculoskeletal injuries and care for sudden illnesses. Upon successful completion of the course, students will be awarded American Red Cross CPR and first aid certification.

0101	James Friedline	Seats (Total: 24)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 8:30pm	SPH 0302

HLTH289A **Topical Investigations; Western Europe: HIV/AIDS in Western Europe**
Contact department for information to register for this course.

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

0101	Robin Sawyer **Meets June 1, 2009 - July 12, 2009** MTuWTh 11:00am - 12:45pm *Click here for more information.*	Seats (Total: 150) SPH 1312
0201	Iris Allen **Meets July 13, 2009 - August 23, 2009** MTuWTh 9:00am - 10:45am	Seats (Total: 50) SPH 1301

HLTH389 **Topical Investigations**

HLTH389 Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 1)

HLTH460 **Minority Health**

HLTH460 Minority Health; (3 credits) Grade Method: REG/P-F.
Prerequisite: HLTH140 or HLTH230 or permission of department. Health concerns of U.S. ethnic minority groups and factors placing them at elevated risk for disease and injury. Health education concepts and strategies to reduce disparities between their health status and the health status of the general population.

0101	Sharon Desmond **Meets June 1, 2009 - July 12, 2009** TuTh 5:00pm - 8:45pm	Seats (Total: 40) SPH 1301

HLTH471 **Women's Health**

HLTH471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST471. Credit will be granted for only one of the following: HLT471 or WMST471. The historical, physiological, psychological, and sociological mechanisms which contribute to women's health. Topics will include gynecological concerns and reproductive health; nutrition, exercise; violence; substance use/abuse; and the health of special populations.

0101	Anne Anderson-Sawyer **Meets June 1, 2009 - July 12, 2009** MW 5:00pm - 8:45pm	Seats (Total: 40) SPH 1303
0201	Katherine Sharp **Meets July 13, 2009 - August 23, 2009** MTuWTh 10:00am - 11:45am	Seats (Total: 40) SPH 1302
0202	Sylvette La Touche-Howard **Meets July 13, 2009 - August 23, 2009** MW 5:00pm - 8:45pm	Seats (Total: 40) SPH 1301

HLTH489 **Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 3)

HLTH498A **Special Topics in Health; Massage Therapy**

HLTH498A Special Topics in Health: Massage Therapy; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert **Meets June 1, 2009 - July 12, 2009** MW 2:00pm - 5:40pm	Seats (Total: 40) SPH 0107

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
"On-line course"

0201	David Hyde **Meets July 13, 2009 - August 23, 2009** Class time/details on ELMs	Seats (Total: 135) ONLINE

HLTH665 **Health Behavior I**

HLTH665 Health Behavior I; (3 credits) Grade Method: REG/AUD.
The psychological, social psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.

0101	Robert Feldman	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:45pm	SPH 0307

HLTH688 **Special Problems in Health Education**

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH688W **Special Problems in Health Education; Information Management for Public Health Professionals**
Contact department for information to register for this course.

HLTH688Y **Special Problems in Health Education; Advanced Health Informatics**
Contact department for information to register for this course.

HONR Honors Summer 2009

HONR238R **Honors Seminar: Terrorism**

HONR238R Honors Seminar: Terrorism; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.

0101	Edwin Smead	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:00pm - 5:15pm	JRN 1105

HONR258M **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR258N **Honors Seminar**

Contact department for information to register for this course.

HONR288J **Honors Seminar: Rembrandt's Amsterdam in the Dutch Golden Age**
Contact department for information to register for this course.

HONR338A **Advanced Honors Seminar; Italy and Landscape Architecture**
Contact department for information to register for this course.

HONR348Z **Advanced Honors Seminar; Cameroon: European Colonialism**
Contact department for information to register for this course.

HONR349C **Honors Colloquium; Traditional Chinese Medicine**
Contact department for information to register for this course.

INAG Institute of Applied Agriculture Summer 2009

INAG299A **Supervised Work Experience; Internship I**
Contact department for information to register for this course.

INAG299B **Supervised Work Experience**

INAG299B Supervised Work Experience; (1-2 credits) Grade Method: REG.

0201	Justin Mathias **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0202	Erin Pittman **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0203	Kenneth Ingram **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0204	Roy Walls **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

0205	Theodore Streett	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

INFM Information Management Summer 2009

INFM605 **Users and Use Context**

INFM605 Users and Use Context; (3 credits) Grade Method: REG/AUD.
Use of information by individuals. Nature of information. Information behavior and mental models. Characteristics of problems, task analysis, problem solving, and decision making. Methods for determining information behavior and user needs. Information access. Information technology as a tool in information use.

0101	Martha Verdines-Arredondo	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:15pm	HZF 0101

INFM612 **Management of Information Programs and Services**

INFM612 Management of Information Programs and Services; (3 credits) Grade Method: REG/AUD.
Administration of information programs, services, and projects, including the role of leadership in management; developing mission, vision, and goals; providing effective management for results; managing professionals; financial management; and professional conduct and ethical issues.

0201	Stephen Hannestad	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 9:15pm	PLS 1111

INFM702 **User Interaction with Information Systems**

INFM702 User Interaction with Information Systems; (3 credits) Grade Method: REG/AUD.
Interactive user interfaces for information systems, including models of human information processing and decision making. Techniques of usability evaluation. There is a 10 hour lab with this course.

0101	Vera Rhoads	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:20pm	CSS 1410

INFM706 **Project Management**
Contact department for information to register for this course.

INFM711 **Financial Management of Information Projects**

INFM711 Financial Management of Information Projects; (3 credits) Grade Method: REG/AUD.
Prerequisite: INFM600,. Pre- or corequisite: INFM612. Techniques and strategies of planning and executing successful projects. Project budgets, work breakdown structures and scheduling techniques, earned value, tracking and reporting project costs, risk management, best practices, and cost/benefit analysis.

0201	Peter Liebscher	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

INFM718C **Selected Topics in Information Management; Managing Information in the Academic Environment**

INFM718C Selected Topics in Information Management: Managing Information in the Academic Environment; (3 credits) Grade Method: REG/AUD.

0201	Ann Prentice	Seats (Total: 4)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

INFM718L **Selected Topics in Information Management; Database Design**

INFM718L Selected Topics in Information Management: Database Design; (3 credits) Grade Method: REG/AUD.

0201	Dagobert Soergel	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:20pm	HBK 0123

INFM718T **Selected Topics in Information Management; Principles of Software Evaluation**

INFM718T Selected Topics in Information Management: Principles of Software Evaluation; (3 credits) Grade Method: REG/AUD.
Class will meet July 18, 19, 25, 26; August 15, 16

0201	Dagobert Soergel	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	Sa 9:30am - 12:15pm	HBK 0108
	Sa 1:00pm - 5:15pm	HBK 0108
	Su 9:30am - 12:15pm	HBK 0108
	Su 1:00pm - 5:15pm	HBK 0108

INFM718W **Selected Topics in Information Management; Managing Information Programs in Hard Times**

INFM718W Selected Topics in Information Management: Managing Information Programs in Hard Times; (3 credits) Grade Method: REG/AUD.

0201	Bruce Dearstyne	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

INFM719 **Independent Study**

INFM719 Independent Study; (1-3 credits) Grade Method: REG.

0101	Instructor: TBA	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0109	Raymond Paquette	Seats (Total: 2)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	
0206	Vedat Diker	Seats (Total: 2)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
0232	Stephen Hannestad	Seats (Total: 1)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

INFM737 **Solving Problems in Information Management**

INFM737 Solving Problems in Information Management; (3 credits) Grade Method: S-F.
Corequisite: INFM 736. Required in student's last semester. In-depth problem analysis and resolution derived from and contributing to INFM 736. Independent study.

0101	Vedat Diker	Seats (Total: 8)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

ITAL Italian Summer 2009

ITAL103 **Intensive Elementary Italian**

ITAL103 Intensive Elementary Italian; (4 credits) Grade Method: REG/P-F/AUD.
Not open to students who have completed more than two years of high school Italian, or to fluent/native speakers of Italian. Credit will be granted for only one of the following: ITAL103 or ITAL121. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0101	Maria Fleri	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 9:00am - 11:15am	JMZ 3120

ITAL203 **Intensive Intermediate Italian**

ITAL203 Intensive Intermediate Italian; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ITAL103 or equivalent. Not open to students who have completed ITAL122, four years of high school Italian, or to fluent/native speakers of Italian. Credit will be granted for only one of the following: ITAL203 or ITAL122. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0201	Joseph Falvo	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWTh 9:00am - 11:15am	JMZ 3120

ITAL211 **Intermediate Conversation**
Contact department for information to register for this course.

ITAL350 **Readings in Italian Literature**

ITAL350 Readings in Italian Literature; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ITAL251 or permission of department.* An exploration of principal figures, themes and styles from Dante through the Renaissance to Pirandello and present-day writers.

0401	Joseph Falvo	Seats (Total: 20)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 12:30pm - 3:30pm	JMZ 3205

ITAL386 **Experiential Learning**

ITAL386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Junior standing.*

Contact department for information to register for this course.

ITAL399 **Directed Study in Italian**

ITAL399 Directed Study in Italian; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ITAL498I **Special Topics in Italian Literature; Italy: Language and Culture in Ancona**
Contact department for information to register for this course.

ITAL499 **Special Topics in Italian Studies**

ITAL499 Special Topics in Italian Studies; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ITAL499C **Special Topics in Italian Studies; Voices of Italy**
Contact department for information to register for this course.

ITAL499I **Special Topics in Italian Studies; Italy: Language and Culture in Ancona**
Contact department for information to register for this course.

JAPN Japanese Summer 2009

JAPN101 **Elementary Japanese I**

JAPN101 Elementary Japanese I; (6 credits) Grade Method: REG.
Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabaries (Katakana and Hiragana).

0101	Eiko Miura	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 12:20pm	JMZ 3205
0102	Miki Reed	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 12:20pm	JMZ 1211

JAPN102 **Elementary Japanese II**

JAPN102 Elementary Japanese II; (6 credits) Grade Method: REG.
Prerequisite: grade of C (2.0) or better in JAPN101 or permission of instructor. Credit will be granted for only one of the following: JAPN102 or (JAPN106 and JAPN107).
Continued introduction to the basic spoken patterns of contemporary Japanese.

0201	Kazuo Yaginuma	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 12:20pm	JMZ 2206

JAPN201 **Intermediate Japanese I**

JAPN201 Intermediate Japanese I; (6 credits) Grade Method: REG.
Prerequisite: a grade C (2.0) or better in JAPN102 or permission of instructor.
Contemporary spoken and written Japanese.

0101	Makiko Inoue	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 12:20pm	JMZ 1117

JAPN202 **Intermediate Japanese II**

JAPN202 Intermediate Japanese II; (6 credits) Grade Method: REG.
Prerequisite: a grade of C (2.0) or better in JAPN201 or permission of instructor.
Contemporary spoken and written Japanese.

0201	Etsuko Yamakita	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 12:20pm	JMZ 0208

JAPN386 **Experiential Learning**

JAPN386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Junior standing.

0170	Kazuo Yaginuma	Seats (Total: 2)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0270	Kazuo Yaginuma	Seats (Total: 2)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

JAPN499T **Directed Study in Japanese; Experiencing Traditional Japan - Language and Culture: Kyoto and Beyond**
Contact department for information to register for this course.

JOUR Journalism Summer 2009

JOUR150 **Introduction to Mass Communication**

JOUR150 *(PermReq)* **Introduction to Mass Communication; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Not open to students who have completed JOUR100 prior to Fall 1999. Credit will be granted for only one of the following: JOUR100 or JOUR150. Formerly JOUR100. Survey of the functions and effects of the mass media in the United States. A consumer's introduction to newspapers, television, radio, film, sound recording, books, magazines, and new media technology. An exploration of the world of journalism. Seminar discussions will look at news judgment, journalism values and ethics, and newsroom dynamics. Computer lab sessions will focus on the reporting, writing and production of news.

04YS	Sandra Banisky	Seats (Total: 18)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 12:00pm	JRN 3111
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course.
Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0101	Susan Moeller	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 9:30am - 12:45pm	JRN 1105

JOUR181 **Grammar for Journalists**

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F/AUD.
Pre- or corequisite: JOUR100. Credit will be granted for only one of the following: ENGL181, ENGL281, or JOUR181. An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with emphasis with an emphasis on its application in journalism. Class will meet first three weeks of the semester.

0101	Linda Coleman	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MWF 2:00pm - 3:40pm	SQH 1107

JOUR199 **Survey Apprenticeship; Survey Apprenticeship**

JOUR199 *(PermReq)* **Survey Apprenticeship: Survey Apprenticeship; (1 credit)** Grade Method: S-F.

0101	Penny Fuchs	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
	Students should meet with Internship Director Penny Fuchs no later than 6/1 to gain permission to enroll. Contact Director to obtain permission.	
0201	Penny Fuchs	Seats (Total: 50)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
	Students should meet with Internship Director Penny Fuchs no later than 7/10 to gain permission to enroll. Contact Director to obtain permission.	

JOUR201 **News Writing and Reporting I**

JOUR201 *(PermReq)* **News Writing and Reporting I; (3 credits)** Grade Method: REG.

Pre- or corequisite: JOUR100. Grammar competency demonstrated by a grade of C (2.0) or better in JOUR181 or a score of 52 or higher on the TSWE and permission of department. Sophomore standing. Introduction to news for the print and electronic media, development of new concepts: laboratory in news-gathering tools and writing skills. A 5-minute typing test is required prior to the first class. Students must type a minimum of 30 wpm to remain enrolled in the course. Must have at least 28 credits earned. Seek permission to enroll and take typing test in 1117 JRN.

0101	Sean Mussenden	Seats (Total: 16)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 2:00pm - 3:40pm	JRN 3111

0201	William Bryant	Seats (Total: 18)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 10:00am - 11:40am	JRN 1102

JOUR262 **News Editing for Broadcast**

JOUR262 *(PermReq)* **News Editing for Broadcast; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Grade of C or better in JOUR201 and permission of department. Credit will be granted for only one of the following: JOUR202B or JOUR262. Principles and processes of broadcast newsroom editing.

0101	David Burns	Seats (Total: 9)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 12:00pm - 1:40pm	TLF 1101
	MTuWThF 12:00pm - 1:40pm	Location: TBA

JOUR328G **Special Topics in News Writing and Reporting; Non-Print Media for Print and Online Journalists**

JOUR328G *(PermReq)* **Special Topics in News Writing and Reporting: Non-Print Media for Print and Online Journalists; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR320.

0201	Stanton Paddock	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	MWF 10:00am - 12:45pm	JRN 3102

JOUR352 **Online Journalism**

JOUR352 *(PermReq)* **Online Journalism; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR202 or JOUR262. For JOUR majors only. Editing and writing online, using basic Web-coding skills and tools to create news and feature packages for the Internet. New-media issues, including interactivity and individualization, will also be discussed.

0101	Ronald Yaros	Seats (Total: 11)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 1:00pm - 2:40pm	JRN 3102

JOUR360 **News Writing and Reporting II: Broadcast**

JOUR360 *(PermReq)* **News Writing and Reporting II: Broadcast; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: grade of C or better in JOUR201. For JOUR majors only. Writing and reporting for broadcast media: production of news stories.

0201	Michael Stafford-Walter	Seats (Total: 7)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 1:00pm - 2:40pm	JRN 3111

JOUR361 **Television Reporting and Production**

JOUR361 *(PermReq)* **Television Reporting and Production; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR262 and JOUR360. Writing and editing for the broadcast media. Interpretive and documentary news stories.

0201	Cassandra Clayton	Seats (Total: 13)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 11:00am - 2:15pm	LEF 1221

JOUR398 **Independent Study**

JOUR398 Independent Study; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR399 **Supervised Internship**

JOUR399 *(PermReq)* **Supervised Internship; (1 credit)** Grade Method: REG. Prerequisite: C or better in JOUR320 or JOUR360.

0101	Penny Fuchs	Seats (Total: 75)
	Meets June 1, 2009 - August 21, 2009	
	Contact instructor or department for details.	

JOUR400 **Media Law**

JOUR400 Media Law; (3 credits) Grade Method: REG.
Prerequisite: JOUR320 or JOUR360 or JOUR501. Junior standing. Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication. Previous study of the law not required.

0201	Sandra Banisky	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 3:00pm - 6:15pm	SQH 1119

JOUR434 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR435 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR459Y **Special Topics in Journalism; Understanding and Analyzing Sports Journalism**

JOUR459Y Special Topics in Journalism: Understanding and Analyzing Sports Journalism; (3 credits) Grade Method: REG/P-F/AUD.

0101	Andrew Siegel	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 11:00am - 2:15pm	EDU 3233
0201	Andrew Siegel	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 11:00am - 2:15pm	JRN 1105

JOUR474 **Mining the National Archives**

JOUR474 *(PermReq)* **Mining the National Archives; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Permission Required. Credit will be granted for only one of the following: JOUR459A and JOUR 474. Use of archival research for investigative reporting, feature stories, breaking news, and historical studies.

0101	Ira Chinoy	Seats (Total: 7)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:15pm	JRN 1104

JOUR501 **Fundamentals of Writing and Editing**

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Principles of news and feature writing. For graduate students with limited prior training or experience in journalism.

0101	Adrianne Flynn	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:00am - 10:40am	JRN 3103

JOUR502 **Reporting for Graduate Students**

JOUR502 *(PermReq)* **Reporting for Graduate Students; (3 credits)** Grade Method: REG/AUD.
Prerequisite: JOUR 501 or permission of department. Intensive training in basic public affairs journalism for graduate students with limited training or experience. Not applicable for degree credit.

0201	Stephen Crane	Seats (Total: 18)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:00am - 10:40am	JRN 3103

JOUR503 **Reporting for Broadcast News**

JOUR503 Reporting for Broadcast News; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 501. Also offered as JOUR 262. Training in gathering and producing news for radio and television newcasts.

0101	David Burns	Seats (Total: 6)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 12:00pm - 1:40pm	KEY 0107
	MTuWThF 12:00pm - 1:40pm	Location: TBA

JOUR601 **Theories of Journalism and Public Communication**

JOUR601 *(PermReq)* **Theories of Journalism and Public Communication; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Survey and evaluation of current communication theories. Attention is given to the nature and function of scientific theory, models of communication behavior, the nature of information, social functions of journalism and public communication, attitude change and persuasive communication and theories of language and meaning.

0101	John Newhagen **Meets June 1, 2009 - July 12, 2009** TuTh 10:00am - 1:20pm	Seats (Total: 9) JMZ 1215
0102	John Newhagen **Meets June 1, 2009 - July 12, 2009** TuTh 2:00pm - 5:20pm	Seats (Total: 9) TLF 1101

JOUR620 **Seminar in Public Affairs Reporting**

JOUR620 Seminar in Public Affairs Reporting; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 502 or equivalent.

0101	Carl Stepp **Meets June 1, 2009 - July 12, 2009** MW 9:00am - 12:20pm	Seats (Total: 14) JRN 2114

JOUR628G **Specialized Topics in News Writing and Reporting; Non-Print Media for Print and Online Journalists**

JOUR628G *(PermReq)* **Specialized Topics in News Writing and Reporting: Non-Print Media for Print and Online Journalists; (3 credits)** Grade Method: REG/AUD.

0201	Stanton Paddock **Meets July 13, 2009 - August 23, 2009** MWF 10:00am - 12:45pm	Seats (Total: 5) JRN 3102

JOUR652 **Online Journalism**

JOUR652 *(PermReq)* **Online Journalism; (3 credits)** Grade Method: REG/AUD. *Prerequisites: JOUR 502, JOUR 503, or equivalent. For JOUR majors only.* Editing and writing online, using basic Web-coding skills and tools to create news and feature packages for the Internet. New-media issues, including interactivity and individualization, are also to be discussed.

0101	Ronald Yaros	Seats (Total: 1)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 1:00pm - 2:40pm	JRN 3102

JOUR660 **Seminar in Broadcast News**

JOUR660 Seminar in Broadcast News; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: JOUR 660 or JOUR 760. Formerly JOUR760.* Descriptive and critical analysis of broadcast news; methods of evaluation of news judgments; decision-making and organizational aspects of the broadcast news industry.

0201	Michael Stafford-Walter	Seats (Total: 7)
	Meets July 13, 2009 - August 21, 2009	
	MTuWThF 1:00pm - 2:40pm	JRN 3111

JOUR661 **Television Reporting and Production**

JOUR661 Television Reporting and Production; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 503 or equivalent. For JOUR majors only. Reporting, writing, editing and production of broadcast news.

0201	Cassandra Clayton	Seats (Total: 7)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 11:00am - 2:15pm	JRN 1104

JOUR698 **Special Problems in Communication**

JOUR698 Special Problems in Communication; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR700 **Seminar in Media Law**

JOUR700 Seminar in Media Law; (3 credits) Grade Method: REG/AUD.
Prerequisite: Admission to journalism graduate program or permission of department. Credit will be granted for only one of the following: JOUR400,JOUR700 or JOUR755. Formerly JOUR755. Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, and contempt, and other aspects of the law applied to mass communication. Course meeting location shared with JOUR400.

0201	Sandra Banisky	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 3:00pm - 6:15pm	SQH 1119

JOUR734 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR735 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR774 **Mining the National Archives**

JOUR774 *(PermReq)* **Mining the National Archives; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Uses of archival research for investigative reporting, feature stories, breaking news, and historical studies.

0101	Ira Chinoy	Seats (Total: 6)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:15pm	JRN 1104

JOUR798 **Master's Professional Fieldwork**

JOUR798 Master's Professional Fieldwork; (2-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR799 **Master's Thesis Research**

JOUR799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section corresponding to faculty member.

Contact department for information to register for this course.

JOUR888 **Doctoral Professional Field Work**

JOUR888 Doctoral Professional Field Work; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR889 **Doctoral Tutorial in Journalism and Public Communication**

JOUR889 Doctoral Tutorial in Journalism and Public Communication; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR898 **Pre-Candidacy Research**

JOUR898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR899 **Doctoral Dissertation Research in Journalism and Mass Communication**

JOUR899 Doctoral Dissertation Research in Journalism and Mass Communication; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

KNES Kinesiology Summer 2009

KNES134N **Physical Education Activities: Coed; Bowling (Beginning).**

KNES134N Physical Education Activities: Coed: Bowling (Beginning).; (1 credit)
Grade Method: REG/P-F/AUD.
Attendance is expected the first day of class. Facilities fee of $30 plus bowling shoes are required.

0101	Samuel Bernstein	Seats (Total: 18)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 10:00am - 11:20am	SSU B106	Lab
0201	Joy Olimpo	Seats (Total: 18)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 10:00am - 11:20am	SSU B106	Lab

KNES134O **Physical Education Activities: Coed; Bowling (Intermediate)**

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (1 credit) Grade Method: REG/P-F/AUD.
Attendance is expected the first day of class. Facilities fee of $30 plus bowling shoes are required.

0101	Samuel Bernstein	Seats (Total: 18)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 10:00am - 11:20am	SSU B106	Lab
0201	Joy Olimpo	Seats (Total: 18)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 10:00am - 11:20am	SSU B106	Lab

KNES137N **Physical Education Activities: Coed; Golf (Beginning)**

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1 credit)
Grade Method: REG/P-F/AUD.
Students must pay a $40 golf facility fee directly to pro shop. Meets in golf range classroom. Attendance required beginning the first day of class.

0101	Jeff Maynor	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	TuWTh 1:00pm - 2:40pm	GLF 1102	Lab

0201	Jeff Maynor	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	TuWTh 10:00am - 11:40am	GLF 1102	Lab

KNES137O **Physical Education Activities: Coed; Golf (Intermediate)**

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1 credit)

Grade Method: REG/P-F/AUD.

Students must pay a $40 golf facility fee directly to the pro shop. Meets in golf range classroom. Attendance is required beginning the first day of class.

0201	Jeff Maynor	Seats (Total: 20)	
	Meets July 13, 2009 - August 23, 2009		
	MTh 1:00pm - 3:30pm	GLF 1102	Lab
	W 1:00pm - 2:00pm	GLF 1102	Lab

KNES155N **Physical Education Activities: Coed; Tennis (Beginning)**

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1 credit)

Grade Method: REG/P-F.

Attendance expected beginning the first day of class.

0101	Ashley Gollmann	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES155O **Physical Education Activities: Coed; Tennis (Intermediate)**

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1 credit)

Grade Method: REG/P-F.

Attendance required beginning the first day of class.

0101	Ashley Gollmann	Seats (Total: 15)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES157N **Physical Education Activities: Coed; Weight Training (Beginning)**

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit) Grade Method: REG/P-F/AUD.
Attendance expected beginning the first day of class.

0101	Ronald Mower	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab
0201	Joy Olimpo	Seats (Total: 10)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab

KNES157O **Physical Education Activities: Coed; Weight Training (Intermediate)**

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit) Grade Method: REG/P-F/AUD.
Attendance expected beginning the first day of class.

0101	Ronald Mower	Seats (Total: 14)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab
0201	Joy Olimpo	Seats (Total: 20)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab

KNES161T **Physical Education Activities: Coed; Yoga (Beginning).**

KNES161T Physical Education Activities: Coed: Yoga (Beginning).; (1 credit) Grade Method: REG/P-F/AUD.
Attendance expected beginning the first day of class.

0101	Callie Maddox	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MW 10:00am - 12:10pm	ERC 2111	Lab

KNES200 **Introduction to Kinesiology**

KNES200 *(PermReq)* **Introduction to Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD.
Restricted to freshmen KNES majors or non-majors with less than 60 credits. Not open to non-major students who have completed over 60 credits. Credit will be granted for only one of the following: KNES200 or KNES289M. Formerly KNES289M. An overview of kinesiology, the interdisciplinary study of physical activity. Examines human motor behavior and its cultural forms such as sport from the physiological, psychological, sociological, historical, philosophical, and biomechanical perspectives. Class will meet in SPHL0308 from 07/13 through 7/24. Then class will meet in SPHL 1303 from 07/27/09 through 07/31/09. Students learn about exercise physiology, biomechanics, sports psychology, movement sciences and sports management. Discover career options that are available to kinesiologists, including physical therapy, physical education, fitness training and sports management, and learn how researchers study athletes, patients who have movement difficulties, infants and young children who are learning to move, sport organizations and much more. A Young Scholars Program course. Please contact summer@umd.edu for further information.

04YS	Amy Haufler	Seats (Total: 30)	
	Meets July 13, 2009 - July 31, 2009		
	MTuWThF 9:30am - 12:00pm TuTh 1:00pm - 4:00pm	Location: TBA SPH 1301	Lab

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

0301	Jessica Schultz	Seats (Total: 50)	
	Meets June 1, 2009 - June 19, 2009		
	MTuWThF 9:00am - 12:00pm	SPH 1301	

0601	Jaime DeLuca	Seats (Total: 60)
	Meets August 3, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE
	This section will be taught on-line. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.	

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.

0501	Damion Thomas, Joy Olimpo, Samuel Bernstein	Seats (Total: 65)
	Meets June 22, 2009 - July 10, 2009	
	Class time/details on ELMs	ONLINE
	This section is taught on-line. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu.	
0601	Ashley Gollmann, Damion Thomas, Ronald Mower	Seats (Total: 60)
	Meets August 3, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE
	This section is taught on-line. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.	

KNES300 **Biomechanics of Human Motion**

KNES300 Biomechanics of Human Motion; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201, and MATH112 or MATH115 or placement in MATH140. Recommended: PHYS121. The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor efficiency, sports, the performance of a typical individual and the influence of growth and development upon motor performance.

0201	Timothy Judkins **Meets July 13, 2009 - August 23, 2009** MW 5:00pm - 8:30pm TuTh 5:00pm - 7:30pm	Seats (Total: 20) SPH 1303 SPH 0124	 Lab
0202	Timothy Judkins **Meets July 13, 2009 - August 23, 2009** MW 5:00pm - 8:30pm MW 2:00pm - 4:30pm	Seats (Total: 20) SPH 1303 SPH 0124	 Lab
0203	Timothy Judkins **Meets July 13, 2009 - August 23, 2009** MW 5:00pm - 8:30pm TuTh 10:00am - 12:30pm	Seats (Total: 20) SPH 1303 SPH 0124	 Lab

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD.
An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

0301	Bradley Hatfield **Meets June 1, 2009 - June 19, 2009** MTuWThF 4:00pm - 7:00pm	Seats (Total: 40) SPH 1302	
0401	Jo Zimmerman **Meets July 13, 2009 - July 31, 2009** MTuWThF 1:00pm - 4:00pm	Seats (Total: 40) SPH 1302	

KNES360 **Physiology of Exercise**

KNES360 Physiology of Exercise; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI201 and BSCI202; or permission of department.* A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutrition and athletic performance. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.

0101	Rosemary Lindle	Seats (Total: 18)	
	Meets June 1, 2009 - July 12, 2009		
	TuWTh 12:00pm - 2:00pm	SPH 0308	
	TuTh 10:00am - 12:00pm	SPH 0124	Lab
0102	Rosemary Lindle	Seats (Total: 18)	
	Meets June 1, 2009 - July 12, 2009		
	TuWTh 12:00pm - 2:00pm	SPH 0308	
	TuTh 2:00pm - 4:00pm	SPH 0124	Lab

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0601	Kathryn Levit	Seats (Total: 35)	
	Meets August 3, 2009 - August 21, 2009		
	MTuWThF 1:00pm - 4:00pm	SPH 1303	
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.		

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389A **Topical Investigations; London: Sport and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiological Sciences Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Sciences Internship; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: KNES major and relevant KNES major classes.

Contact department for information to register for this course.

KNES451 **Children and Sport: A Psychosocial Perspective**

KNES451 Children and Sport: A Psychosocial Perspective; (3 credits) Grade Method: REG/P-F.
Prerequisite: KNES350 and junior standing. Examination of youth sports from a psychosocial perspective, including the impact of highly structured sports on young athletes and the complex social network of coaches, parents and peers.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:00pm - 8:30pm	SPH 0308

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES287. Junior standing. Credit will be granted for only one of the following: KNES485 and KNES498T. Formerly KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. Most of the lecture and work is online.

0101	Callie Maddox, David Andrews, Ronald Mower	Seats (Total: 50)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This section is taught online.	

KNES498 **Special Topics in Kinesiology; Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology: Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Colleen Farmer	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Colleen Farmer	Seats (Total: 5)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

KNES498R **Special Topics in Kinesiology; Developmental Coordination Disorder: Mechanisms, Assessment, and Intervention**

KNES498R Special Topics in Kinesiology: Developmental Coordination Disorder: Mechanisms, Assessment, and Intervention; (3 credits) Grade Method: REG/P-F/AUD.

A critical examination of Developmental Coordination Disorder including underlying mechanisms, etiology, characteristics, assessment, and evidence for successful intervention techniques. A lifespan approach with an emphasis on school-age children. This course will have both a hybrid face-to-face and on-line component. Week I (June 15-June 19) and Week III (June 29 - July 3) are on-line. Week II (June 22-June 26) is the face-to-face classroom component that is part of the 8th Developmental Coordination Disorder International Converence (DCD VIII), held in Baltimore, MD. All interested students must register for and participate in the DCD VIII Conference. There is a $325.00 conference fee, paid directly to the conference. Click here for complete information on the DCD VIII Conference and the coure with tuition and fee information.

0101	Marcio Oliveira, Jane Clark	Seats (Total: 40)
	Meets June 15, 2009 - July 3, 2009	
	Class time/details on ELMs	ONLINE

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689J **Special Problems in Kinesiology; London: Sport and Culture in the Global Marketplace**

Contact department for information to register for this course.

KNES689R **Special Problems in Kinesiology; Developmental Coordination Disorder: Mechanisms, Assessment, and Intervention**

KNES689R Special Problems in Kinesiology: Developmental Coordination Disorder: Mechanisms, Assessment, and Intervention; (3 credits) Grade Method: REG/AUD.

A critical examination of Developmental Coordination Disorder including underlying mechanisms, etiology, characteristics, assessment, and evidence for successful intervention techniques. A lifespan approach with an emphasis on school-age children. This course will have both a hybrid face-to-face and on-line component. Week I (June 15-June 19) and Week III (June 29 - July 3) are on-line. Week II (June 22-June 26) is the face-to-face classroom component that is part of the 8th Developmental Coordination Disorder International Converence (DCD VIII), held in Baltimore, MD. All interested students must register for and participate in the DCD VIII Conference. There is a $325.00 conference fee, paid directly to the conference. Click here for complete information on the DCD VIII Conference and the coure with tuition and fee information.

0101	Jane Clark, Marcio Oliveira	Seats (Total: 40)
	Meets June 15, 2009 - July 3, 2009	
	Class time/details on ELMs	ONLINE

KNES789 **Advanced Seminar**

KNES789 Advanced Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 **Doctoral Dissertation Research**

KNES899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Summer 2009

LARC160 **Introduction to Landscape Architecture**

LARC160 Introduction to Landscape Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences.

04YS	David Myers, Wannapa Siriamnuaypas	Seats (Total: 18)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:00am - 12:20pm	PLS 1162
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

LARC451 **Sustainable Communities**
Contact department for information to register for this course.

LARC471 **Capstone Studio: Community Design**
Contact department for information to register for this course.

LARC489A **Special Topics in Landscape Architecture; Italy**
Contact department for information to register for this course.

LARC489C **Special Topics in Landscape Architecture; Sustainable Futures in Costa Rica**
Contact department for information to register for this course.

LARC499 **Independent Studies in Landscape Architecture**

LARC499 *(PermReq)* **Independent Studies in Landscape Architecture; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LASC Certificate in Latin American Studies — Summer 2009

LASC448B **Special Topics in Latin American Studies; Inter and intra-state conflict and its resolution in Latin America**

LASC448B Special Topics in Latin American Studies: Inter and intra-state conflict and its resolution in Latin America; (3 credits) Grade Method: REG. Integrates the analysis of violent domestic and international conflict in Latin America and alternative approaches for its resolution. Providing a historical background to conflicts in the region, the curriculum primarily focuses on contemporary developments, particularly those opening up new possibilities for conflict resolution in the post-Cold War and globalization periods. The first part deals with macro-analysis and alternative explanatory theories for the limited violence in inter-state conflicts and the emergence of a zone of peace in the continent. The second part of the course covers selected case studies of conflicts that have been managed in the last decades, as well as those that are still latent and may require preventive action. The course will end with a discussion about present and future trends of conflicts in the region and alternative despute resolution mechanisms, in both Track I and Track II diplomacy. Also offered as GVPT309P and SPAN448B.

0201	Edward Kaufman	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:20pm	TYD 0111
	Additional meeting dates- Friday, July 11 6-9pm; Saturday, July 12 and Sunday, July 13 9am-1pm and 2-6pm.	

LASC448F **Special Topics in Latin American Studies; Brazilian Ethnography**
Contact department for information to register for this course.

LASC448G **Special Topics in Latin American Studies; Brazilian Ethnography**
Contact department for information to register for this course.

LATN Latin — Summer 2009

LATN120 **Intensive Latin**

LATN120 *(PermReq)* **Intensive Latin; (4 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: permission of department. Not open for credit to students with credit for LATN102.* Elements of Latin grammar and vocabulary; elementary reading. The first year's study of Latin compressed into a single semester.

0101	William Proffitt	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 10:00am - 11:45am	TLF 1101

LATN499 **Independent Study in Latin Language and Literature**

LATN499 *(PermReq)* **Independent Study in Latin Language and Literature; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LATN699 **Independent Studies in Latin Literature**

LATN699 *(PermReq)* **Independent Studies in Latin Literature; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Summer 2009

LBSC601 **Users and Information Context**

LBSC601 Users and Information Context; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* Nature and roles of information and information institutions; information behavior; studying information behavior; information policy; the information professions.

0101	Soo Kim	Seats (Total: 27)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:30pm - 8:45pm	PLS 1113

LBSC635 **Management and Administration for the Information Professional**

LBSC635 Management and Administration for the Information Professional; (3 credits) Grade Method: REG/AUD.
Not open to students who have completed LBSC630. Management and administrative theory and principles and their implications and applications to information organizations.

01SG	Vedat Diker **Meets June 1, 2009 - July 12, 2009** TuTh 5:30pm - 8:45pm	Seats (Total: 22) SG3 2203
0201	Michael Kurtz **Meets July 13, 2009 - August 23, 2009** MW 5:30pm - 8:45pm	Seats (Total: 30) PLS 1119

LBSC642 **Integrating Technology into Learning and Teaching**

LBSC642 Integrating Technology into Learning and Teaching; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 642 or LBSC 708C. Formerly LBSC708C. Hardware, software, video and other equipment, and networking in schools. Pedagogic uses of information technology, including networked resources and multimedia.

01SG	Sheri Massey **Meets June 1, 2009 - July 12, 2009** TuTh 5:30pm - 8:45pm	Seats (Total: 19) SG3 2212

LBSC646 **Literature and Materials for Young Adults**

LBSC646 Literature and Materials for Young Adults; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC646 or LBSC746. Formerly LBSC746. Survey of literature and other materials for older children and adolescents. Criteria for evaluating and using such materials as they relate to the needs, interests, reading abilities, and other capabilities of young readers.

0101	Deborah Taylor	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:30pm - 8:45pm	HBK 0109

LBSC682 **Management of Electronic Records & Information**

LBSC682 Management of Electronic Records & Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Role of archivists and records managers in the management of electronic records. Records life cycle and the impact of technology programs for managing electronic records.

0101	Michael Miller	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:30pm - 8:45pm	EDU 0202

LBSC690 **Information Technology**

LBSC690 Information Technology; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Human-centered design issues, implementation and technical issues, and application and sociotechnical issues of information technology; emerging information technologies.

0101	Martha Verdines-Arredondo	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:30pm - 8:45pm	CSS 1410

LBSC698 **Children's Information Technology and Policy**

LBSC698 Children's Information Technology and Policy; (3 credits) Grade Method: REG/AUD.

02SG	Gail Bailey	Seats (Total: 19)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 5:30pm - 8:45pm	SG3 2203

LBSC707 **Field Study in Library Service**

LBSC707 Field Study in Library Service; (3 credits) Grade Method: REG/AUD. *Prerequisites: all core courses and permission of department.* Unpaid, supervised experience within library operations and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency.

0101	Simmona Simmons	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	W 3:00pm - 4:30pm	HBK 4113
	Contact instructor or department for details.	

LBSC708B **Special Topics in Information Studies; History of the Book**

LBSC708B Special Topics in Information Studies: History of the Book; (3 credits) Grade Method: REG/AUD.

0201	Stephen Greenberg	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MW 5:30pm - 8:45pm	PLS 1113

LBSC708D **Special Topics in Information Studies; Marketing Information Services**

LBSC708D Special Topics in Information Studies: Marketing Information Services; (3 credits) Grade Method: REG/AUD.

0101	Patricia Fisher	Seats (Total: 18)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 2:00pm - 5:15pm	HBK 2119

LBSC708G **Special Topics in Information Studies; Collection Development**

LBSC708G Special Topics in Information Studies: Collection Development; (3 credits) Grade Method: REG/AUD.
This is an online course with face to face meetings on June 6th and 27th from 10am-12pm in HBK 0108.

0101	William Wheeler	Seats (Total: 22)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

LBSC708K **Special Topics in Information Studies; Managing Information in the Academic Environment**

LBSC708K Special Topics in Information Studies: Managing Information in the Academic Environment; (1-3 credits) Grade Method: REG/AUD.

0201	Ann Prentice	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE
	This section will meet online.	

LBSC708L **Special Topics in Information Studies; Germany, International Opportunities in Library and Information Studies**

Contact department for information to register for this course.

LBSC709 **Independent Study**

LBSC709 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC737 **Seminar in the Special Library and Information Center**

LBSC737 Seminar in the Special Library and Information Center; (3 credits) Grade Method: REG/AUD.
Prerequisite: LBSC 601, LBSC 650, LBSC 670, and LBSC 690; or permission of instructor. Role of special libraries and information centers in the information transfer process. Analysis of the information transfer system; information needs and uses; management of special libraries and information centers; and types of libraries, such as governmental or industrial libraries, archives, and information analysis centers.

0201	Trudi Hahn	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 1:30pm - 4:45pm	HBK 4115

LBSC741 **Seminar in School Library Media Program Administration**

LBSC741 Seminar in School Library Media Program Administration; (3 credits) Grade Method: REG/AUD.
Prerequisites: permission of instructor. Development, management, and evaluation of school library media programs at all levels.

0101	Ann Weeks	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:30pm - 8:45pm	PLS 1164

LBSC745 **Storytelling Materials and Techniques**

LBSC745 Storytelling Materials and Techniques; (3 credits) Grade Method: REG/AUD.
Prerequisite: LBSC645 or equivalent. Literary sources and instruction and practice in oral techniques.

0201	Jane Dorfman	Seats (Total: 14)
	Meets July 13, 2009 - August 23, 2009	
	WF 9:30am - 12:45pm	PLS 1172

LBSC753 **Information Access in the Social Sciences**

LBSC753 Information Access in the Social Sciences; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department and LBSC 650. Research methods, information needs, information structure, and information sources and services in the social sciences (for example, anthropology, economics, education, geography, history, political science, psychology, sociology).

0201	Deborah Klein	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:15pm	HBK 2119

LBSC793 **Database Design**

LBSC793 Database Design; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department and LBSC 690. Principles of user-oriented database design. Requirements analysis. Data modelling. Data integrity and security and multi-user databases. Implementing an information system using a database management system (DBMS).

0201	Dagobert Soergel	Seats (Total: 19)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:00pm - 9:20pm	HBK 0123

LBSC794 **Principles of Software Evaluation**

LBSC794 Principles of Software Evaluation; (3 credits) Grade Method: REG/AUD. *Prerequisites: permission of department and LBSC 690.* Human factors and other criteria for evaluating software for instructional, library, and information applications. Systematic procedures for evaluating and selecting appropriate packages. Class will meet on July 18, 19, 25, 26; August 15,16.

0201	Dagobert Soergel	Seats (Total: 22)
	Meets July 13, 2009 - August 23, 2009	
	Sa 9:30am - 12:15pm	HBK 0108
	Sa 1:00pm - 5:15pm	HBK 0108
	Su 9:30am - 12:15pm	HBK 0108
	Su 1:00pm - 5:15pm	HBK 0108

LBSC898 **Pre-Candidacy Research**

LBSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0118	Ping Wang	Seats (Total: 2)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

LBSC899 **Doctoral Dissertation Research**

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING Linguistics Summer 2009

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. Not open to students who have completed HESP120. Credit will be granted for only one of the following: HESP120 or LING200. An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0201	Shannon Barrios	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 2:00pm - 3:20pm	JMZ 3120

LING240 **Language and Mind**

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Required for LING majors and recommended for students in related fields.. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0101	Alex Drummond	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 9:30am - 10:50am	MMH 1108B
0201	Shiti Malhotra	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 10:00am - 11:20am	WDS 1114

LING499 **Directed Studies in Linguistics**

LING499 *(PermReq)* **Directed Studies in Linguistics; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 2)

LING698 **Directed Study**

LING698 *(PermReq)* **Directed Study; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 *(PermReq)* **Directed Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 *(PermReq)* **Doctoral Research Paper; (6 credits)** Grade Method: REG.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 2)

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. *Prerequisite: LING 895.* This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

0101	Instructor: TBA **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)

LING899 **Doctoral Dissertation Research**

LING899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MAIT Masters in the Mathematics of Advanced Industrial Tech Summer 2009

MAIT679V **Special Topics in Mathematics of Advanced Industrial Technology; Principles of Radar I**

MAIT679V Special Topics in Mathematics of Advanced Industrial Technology: Principles of Radar I; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: MAIT679V, or ENPM8 08V.

0201	Menachem Levitas	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:00pm - 8:40pm	MTH 3206

MAIT699 **Independent Masters Project**

MAIT699 Independent Masters Project; (1-3 credits) Grade Method: REG/AUD.
Tuition for MAIT courses is $550 per credit hour. There is a $40 administrative fee. Please visit www.mait.umd.edu for more information.

0101	Gregory Coxson	Seats (Total: 5)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	
0102	Radu Balan	Seats (Total: 1)
	Meets June 1, 2009 - August 23, 2009	
	Contact instructor or department for details.	
0201	Radu Balan	Seats (Total: 1)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

MATH Mathematics Summer 2009

MATH110 **Elementary Mathematical Models**

For those students experiencing math anxiety or who feel deficient in math study skills, refer to the special programs section, SUMM 003.

MATH110 Elementary Mathematical Models; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility. Not open to students majoring in mathematics, engineering, business, life sciences, and the physical sciences. Not open to students who have completed MATH 140, MATH 220, or any MATH or STAT course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: MATH110, MATH112, or MATH113. Topics include simple and compound interest; recursion for computing balances; installment loans and amortization; approximating data by linear models; analysis of applications to real-world collections of data; probability; conditional probability; independence; expected value; graphing and analysis of systems of inequalities; linear programming and applications.

0101	Julie Daberkow **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0201
0201	Kijoeng Nam **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH B0425

MATH111 **Introduction to Probability**

MATH111 Introduction to Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.

Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility or MATH110. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT100 or any MATH or STAT course with a prerequisite of MATH141. Credit will be granted for only one of the following: MATH111 or STAT100. Logic, Boolean algebra, counting, probability, random variables, expectation, applications of the normal probability distribution.

0101	Lucaci Vaczlavik **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 30) MTH B0423
0102	Benjamin Kedem **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0423
0201	Geetanjali Kachari **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0303

MATH113 **College Algebra with Applications**

MATH113 College Algebra with Applications; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility, or MATH110. Not open to students who have completed MATH140, MATH220, or any course for which MATH140 or MATH220 is a prerequisite. Credit will be granted for only one of the following: MATH112; or MATH113; or (MATH110 and MATH115). Preparation for MATH220. Graphs and applications of elementary functions including: polynomial, rational, exponential and logarithmic functions. Systems of linear equations and linear inequalities used to solve representative problems in linear programming. Matrices and matrix operations including inverse. Sequences.

0101	Jacqueline Stone **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 25) MTH B0425
0102	Edgar Lopez-Escobar **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH B0423
0202	Safa Motesharrei **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH B0423

MATH115 **Precalculus**

MATH115 Precalculus; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility, or MATH113. Not open to students who have completed MATH140 or any MATH or STAT course for which MATH140 is a prerequisite. Credit will be granted for only one of the following: MATH113 or MATH115. Preparation for MATH220 or MATH140. Elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. Algebraic techniques preparatory for calculus.

0101	Eleni Agathocleous **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0201
0201	Justin Wyss-Gallifent **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0423

MATH140 **Calculus I**

MATH140 Calculus I; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the MATHEMATICS PLACEMENT EXAM, or MATH115 with a grade of C or better. Credit will be granted for only one of the following: MATH130, MATH140 or MATH220. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science, engineering and mathematics majors.

0101	Huashuai Qu **Meets June 1, 2009 - July 24, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 25) MTH 0103
0102	Chatchawan Panraksa **Meets June 1, 2009 - July 24, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0103

0103	Damon Gulczynski **Meets June 1, 2009 - July 24, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0103

MATH141 **Calculus II**

MATH141 Calculus II; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: A grade of C or better in MATH140 or equivalent; or a grade of B or better in MATH 130 and permission of an undergraduate advisor in the math department. Credit will be granted for only one of the following: MATH131, MATH141 or MATH221. Continuation of MATH140, including techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

0101	Paul Smith **Meets June 1, 2009 - July 24, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 33) MTH 0106
0102	Edward Clifford **Meets June 1, 2009 - July 24, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 33) MTH 0106
0103	Anastasia Voulgaraki **Meets June 1, 2009 - July 24, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 33) MTH 0106

MATH213 **Elements of Geometry and Measurement**

MATH213 Elements of Geometry and Measurement; (3 credits) Grade Method: REG/AUD.
Prerequisite: MATH212. Restricted to elementary and early childhood education majors. Not open to students who have completed MATH211 with a grade of C- or better. Credit will be granted for only one of the following: MATH211 or MATH213. Properties of geometric objects in two and three dimensions; parallel lines, curves and polygons; ratio, proportion, similarity; transformational geometry and measurement, constructions, justifications and proofs.

0101	Karen McLaren **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 28) MTH 0105

MATH220 **Elementary Calculus I**

MATH220 Elementary Calculus I; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the MATHEMATICS PLACEMENT EXAM, or MATH112, or MATH113, or MATH115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH130, MATH140 or MATH220.
Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications.

0101	Wei Guo **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 25) MTH 0303
0103	Shu Zhang **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0303
0104	Patrick Fitzpatrick **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0303
0201	Ritaja Sur **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0429
0203	Elizabeth Wilson **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0201

MATH221 **Elementary Calculus II**

MATH221 Elementary Calculus II; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: MATH220, MATH 130 or MATH140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH131, MATH141 or MATH221. Differential and integral calculus, with emphasis on elementary techniques of integration and applications.

0101	Safa Motesharrei **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH B0429
0102	Jun Wang **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH B0429
0201	Justin Wyss-Gallifent **Meets July 13, 2009 - August 23, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 30) MTH 0303

MATH240 **Introduction to Linear Algebra**

MATH240 Introduction to Linear Algebra; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH 131 with a grade of C or better, or MATH141 or equivalent. Credit will be granted for only one of the following: MATH240, MATH341, MATH400, or MATH461. Basic concepts of linear algebra: vector spaces, applications to line and plane geometry, linear equations and matrices, similar matrices, linear transformations, eigenvalues, determinants and quadratic forms.

0101	Peter Wolfe **Meets June 1, 2009 - July 24, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 32) MTH B0421

MATH241 **Calculus III**

MATH241 Calculus III; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit will be granted for only one of the following: MATH241 or MATH340. Introduction to multivariable calculus, including vectors and vector-valued functions, partial derivatives and applications of partial derivatives (such as tangent planes and Lagrange multipliers), multiple integrals, volume, surface area, and the classical theorems of Green, Stokes and Gauss.

0101	Prashant Athavale **Meets June 1, 2009 - July 24, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH B0421
0102	Manoussos Grillakis **Meets June 1, 2009 - July 24, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH 0405

MATH246 **Differential Equations for Scientists and Engineers**

MATH246 Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and any one of the following: MATH240 or ENES102 or PHYS161 or PHYS171. Credit will be granted for only one of the following: MATH246 or MATH341. An introduction to the basic methods of solving ordinary differential equations. Equations of first and second order, linear differential equations, Laplace transforms, numerical methods and the qualitative theory of differential equations.

0101	Melissa Macasieb **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 31) MTH 1313
0102	Melissa Macasieb **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH 1313
0201	Joel Cohen **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH 0307

0202	Michael Jakobson	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 11:00am - 12:20pm	MTH B0429

MATH310 **Introduction to Analysis**

MATH310 *(PermReq)* **Introduction to Analysis; (3 credits)** Grade Method: REG. *Prerequisite: MATH141. Corequisite: MATH241. Math majors may not use this course to satisfy an upper-level requirement. For MATH majors only.* To prepare students for MATH410 Advanced Calculus. To develop the students' ability to construct a rigorous proof of a mathematical claim. Students will also be made aware of mathematical results that are of interest to those wishing to analyze a particular mathematical model. Topics will be drawn from logic, set theory, structure of the number line, elementary topology, metric spaces, functions, sequences and continuity.

0101	Edgar Lopez-Escobar	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 8:00am - 9:20am	MTH 0101

MATH401 **Applications of Linear Algebra**

MATH401 Applications of Linear Algebra; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH240 or MATH461. Various applications of linear algebra: theory of finite games, linear programming, matrix methods as applied to finite Markov chains, random walk, incidence matrices, graphs and directed graphs, networks and transportation problems.

0101	Manoussos Grillakis	Seats (Total: 28)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 11:00am - 12:20pm	MTH 0104

MATH406 **Introduction to Number Theory**

MATH406 Introduction to Number Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141 or permission of department. Integers, divisibility, prime numbers, unique factorization, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

0201	Joel Cohen	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 11:00am - 12:20pm	MTH 0303

MATH410 **Advanced Calculus I**

MATH410 *(PermReq)* **Advanced Calculus I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: MATH240 and MATH241, with grade of C or better; and permission of department. First semester of a year course. Subjects covered during the year are: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem.

0101	Yu-Ru Huang	Seats (Total: 25)
	Meets June 1, 2009 - July 24, 2009	
	MTuThF 9:30am - 10:50am	MTH 0102

MATH411 **Advanced Calculus II**

MATH411 *(PermReq)* **Advanced Calculus II; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: MATH410 and permission of department. Credit will be granted for only one of the following: MATH411 or MATH412. Continuation of MATH410.

0101	Enver Ozdemir	Seats (Total: 25)
	Meets June 1, 2009 - July 24, 2009	
	MTuThF 9:30am - 10:50am	MTH 0104

MATH461 **Linear Algebra for Scientists and Engineers**

MATH461 Linear Algebra for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH141 and one MATH/STAT course for which MATH141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH240, MATH341, MATH400 or MATH461. Basic concepts of linear algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra: change of basis, complex eigenvalues, diagonalization, the Jordan canonical form.

0101	Patrick Fitzpatrick **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 29) MTH 0101
0201	Michael Jakobson **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 35) MTH 0105

MATH462 **Partial Differential Equations for Scientists and Engineers**

MATH462 Partial Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH241 and MATH246. Linear spaces and operators, orthogonality, Sturm-Liouville problems and eigenfunction expansions for ordinary differential equations. Introduction to partial differential equations, including the heat equation, wave equation and Laplace's equation. Boundary value problems, initial value problems and initial-boundary value problems.

0201	David Hamilton **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH B0427

MATH463 **Complex Variables for Scientists and Engineers**

MATH463 Complex Variables for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241 or equivalent. The algebra of complex numbers, analytic functions, mapping properties of the elementary functions. Cauchy integral formula. Theory of residues and application to evaluation of integrals. Conformal mapping.

0201	David Hamilton	Seats (Total: 27)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 11:00am - 12:20pm	MTH 0104	

MATH478A **Selected Topics For Teachers of Mathematics**

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498G **Selected Topics in Mathematics; Learning Math Through Games**

MATH498G *(PermReq)* **Selected Topics in Mathematics: Learning Math Through Games; (3 credits)** Grade Method: REG/P-F.
This course is the academic part of the Mathematics Summer Program in Research and Learning (Math SPIRAL). It is only available to students nominated by affiliated institutions, and approved by the SPIRAL staff.

0101	Kenneth Berg	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 8:45am - 10:45am	MTH 1311	
	MTuWThF 10:45am - 12:00pm	MTH 1311	Discussion

MATH608A **Selected Topics in Algebra**

MATH608A *(PermReq)* **Selected Topics in Algebra; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH648A **Selected Topics in Analysis**

MATH648A *(PermReq)* **Selected Topics in Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH668A **Selected Topics in Complex Analysis**

MATH668A *(PermReq)* **Selected Topics in Complex Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH689 **Research Interactions in Mathematics**

MATH689 *(PermReq)* **Research Interactions in Mathematics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH718A **Selected Topics in Mathematical Logic**

MATH718A *(PermReq)* **Selected Topics in Mathematical Logic; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH748A **Selected Topics in Geometry and Topology**

MATH748A *(PermReq)* **Selected Topics in Geometry and Topology; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH799 **Master's Thesis Research**

MATH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH898 **Pre-Candidacy Research**

MATH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES Marine-Estuarine-Environmental Sciences Summer 2009

MEES698F **Special Topics in Marine-Estuarine-Environmental Sciences; Early Life History of Marine Fish**

MEES698F *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Early Life History of Marine Fish; (3 credits)** Grade Method: REG. Course is taught off-campus at the University of New England.

0201	Edward Houde	Seats (Total: 17)
	Meets August 2, 2009 - August 19, 2009	
	Contact instructor or department for details.	

MEES698L **Special Topics in Marine-Estuarine-Environmental Sciences; Mapping and Monitoring Maryland Streams for Teachers**

Contact department for information to register for this course.

MEES698M **Special Topics in Marine-Estuarine-Environmental Sciences; Chesapeake Bay Ecology For Educators**

Contact department for information to register for this course.

MEES698R **Special Topics in Marine-Estuarine-Environmental Sciences; Ecology and Natural Resources Management in Brazil**

Contact department for information to register for this course.

MEES699 **Special Problems in Marine-Estuarine-Environmental Sciences**

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES799 **Masters Thesis Research**

MEES799 Masters Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES898 **Pre-Candidacy Research**

MEES898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES899 **Doctoral Dissertation Research**

MEES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH Maryland Institute for Applied Environmental Health Summer 2009

MIEH600 **Foundations of Environmental Health**

MIEH600 Foundations of Environmental Health; (3 credits) Grade Method: REG/AUD.
Not open to students who have completed HLTH761. Credit will be granted for only one of the following: HLTH761 or MIEH600. Formerly HLTH761. Overview of the chemical, physical and biological hazards present in our living and working environment and their effects on human health. Topics include: exposure assessment, industrial hygiene and safety, pesticides, community and indoor pollution, food-borne diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues and environmental laws.

0101	Betty Dabney **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:45pm	Seats (Total: 25) SPH 0303

MIEH785 **Internship in Public Health**

MIEH785 Internship in Public Health; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Captsone Project in Public Health**

MIEH786 Captsone Project in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0101	Betty Dabney **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0201	Betty Dabney **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

MIEH788 **Critical Readings in Environmental Health**

MIEH788 Critical Readings in Environmental Health; (1-3 credits) Grade Method: REG/AUD.

0101	Betty Dabney **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)

0201	Betty Dabney	Seats (Total: 5)
	Meets July 13, 2009 - August 21, 2009	
	Contact instructor or department for details.	

MIEH789 **Independent Study**

MIEH789 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MOCB Molecular and Cell Biology Summer 2009

MOCB699 **Laboratory Rotation**

MOCB699 Laboratory Rotation; (2-3 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MOCB708B **Advanced Topics in Molecular and Cell Biology; Bioethics**

MOCB708B Advanced Topics in Molecular and Cell Biology: Bioethics; (1 credit) Grade Method: REG/AUD.

0101	Leslie Pick	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

MOCB899 **Doctoral Dissertation Research**

MOCB899 Doctoral Dissertation Research; (1-8 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUED Music Education Summer 2009

MUED698P **Current Trends in Music Education; Performing, Conducting, and Rehearsing with Ensembles**

MUED698P Current Trends in Music Education: Performing, Conducting, and Rehearsing with Ensembles; (3 credits) Grade Method: REG/AUD.
Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0501	Michael Hewitt	Seats (Total: 15)
	Meets June 22, 2009 - July 10, 2009	
	MTuWTh 9:00am - 1:00pm	PAC 2130A
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

MUET Ethnomusicology Summer 2009

MUET200 **World Popular Musics and Identity**

MUET200 World Popular Musics and Identity; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. Perspectives of world popular music as contested terrain, in terms of gender, nationality and aesthetics. Students will read case histories of specific movements, social commentaries on genres such as reggae, celtic-pop and rap, and investigate issues such as accessibility and technological constraints. The unifying factors are cross-cultural perceptions and displays of national identity, cultural retentions, stability and change. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu.

0501	Yuanyuan Voelkl	Seats (Total: 30)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 3:30pm	PAC 2160
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

MUET220 **Selected Musical Cultures of the World**

MUET220 Selected Musical Cultures of the World; (3 credits) Grade Method: REG. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. A survey of selected musical cultures of the world, such as India, Japan, China, Indonesia, West Africa, Eastern Europe and the Near East. Click here for further course information.

0601	SunMin Yoon	Seats (Total: 30)
	Meets August 3, 2009 - August 21, 2009	
	MTuWThF 12:00pm - 2:40pm	PAC 3160
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

MUSC School of Music Summer 2009

MUSC102B **Class Piano**

MUSC102B Class Piano; (2 credits) Grade Method: REG/P-F/AUD.
Limited to non-music majors.

0101	Shelby Sender	Seats (Total: 14)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 11:00am - 12:20pm	PAC 1123

MUSC106 **Beginning Classical Guitar**

MUSC106 Beginning Classical Guitar; (2 credits) Grade Method: REG/P-F/AUD. Introduction to classical guitar notation, technique, literature and performance. No previous musical experience required.

0101	Giorgia Cavallaro	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 10:30am - 12:00pm	PAC 2540

MUSC129D **Ensemble; African Drumming**

MUSC129D Ensemble: African Drumming; (1 credit) Grade Method: REG/P-F/AUD.
Click here for further course information.

0101	Mahiri Edwards **Meets June 1, 2009 - July 12, 2009** MW 7:00pm - 8:30pm	Seats (Total: 20) PAC 2201

MUSC140 **Music Fundamentals I**

MUSC140 Music Fundamentals I; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Limited to non-music majors. Introductory theory course. Notation, scales, intervals, triads, rhythm, form and basic aural skills.

0101	Joseph Perry-Parrish **Meets June 1, 2009 - July 12, 2009** MTuWTh 11:00am - 12:40pm	Seats (Total: 25) PAC 2160
0201	Matthew Jaskot **Meets July 13, 2009 - August 23, 2009** MTuWTh 11:00am - 12:40pm	Seats (Total: 25) PAC 3164

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0301	Kate Weber-Petrova **Meets June 1, 2009 - June 19, 2009** MTuWThF 10:00am - 12:30pm	Seats (Total: 90) TYD 2109

MUSC388 **Music Internship**

MUSC388 *(PermReq)* **Music Internship; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC389 **Music Internship Analysis; Music Internship Analysis**

MUSC389 *(PermReq)* **Music Internship Analysis: Music Internship Analysis; (1 credit)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC448 **Selected Topics in Music**

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC463 **Applications in Music Technology**

MUSC463 Applications in Music Technology; (3 credits) Grade Method: REG/P-F/AUD.
A hands-on study of computer hardware and software that makes use of the MIDI (Musical Instrument Digital Interface) specification. This protocol allows computers, synthesizers and various other devices to send and receive information about musical performance, notation and sound. The course focuses on two of the most frequently used applications on MIDI -- sequencing and music notation. Also included is an introduction to digital audio. No previous experience with computers is required. Ability to read music on a grand staff (treble and bass clef) is recommended.

0501	Robert Collier	Seats (Total: 15)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 4:00pm	PAC 1108
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

MUSC499 **Independent Studies**

MUSC499 *(PermReq)* **Independent Studies; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC699 **Selected Topics in Music**

MUSC699 Selected Topics in Music; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC799 **Master's Thesis Research**

MUSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC898 **Pre-Candidacy Research**

MUSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC899 **Doctoral Dissertation Research**

MUSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NACS Neuroscience & Cognitive Science Summer 2009

NACS898 **Pre-Candidacy Research**

NACS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F.

0170	Jose Contreras-Vidal **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)
0270	Jose Contreras-Vidal **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 5)

NACS899 **Doctoral Dissertation Research**

NACS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC Nutrition and Food Science Summer 2009

NFSC100 **Elements of Nutrition**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.

Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Nancy Katz	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MWF 9:30am - 10:50am	SKN 0101	
	TuTh 9:30am - 10:50am	SKN 0101	Discussion

NFSC399 **Special Problems in Food Science**

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC490 **Special Problems in Nutrition**

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisites: NFSC440 and permission of department. Individually selected problems in the area of human nutrition.

Contact department for information to register for this course.

NFSC498C **Selected Topics; Food Biotechnology**

Contact department for information to register for this course.

NFSC678 **Selected Topics in Nutrition**

NFSC678 Selected Topics in Nutrition; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC699 **Problems in Nutrition and Food Science**

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC898 **Pre-Candidacy Research**

NFSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0115	Liangli Yu **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)
0116	Robert Buchanan **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)
0215	Liangli Yu **Meets July 13, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

0216	Robert Buchanan	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

NFSC899 **Doctoral Dissertation Research**

NFSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PERS Persian Summer 2009

PERS399A **Directed Study in Persian; Directed Studies in Persian in I- Intensive Persian LanguageSummer Institute**

PERS399A Directed Study in Persian: Directed Studies in Persian in I- Intensive Persian LanguageSummer Institute; (3 credits) Grade Method: REG/P-F/AUD. Open Only to Undergraduate Persian Flagship Students. This is an intensive Persian language summer institute program especially designed to advance the language learning of undergraduate Persian Flagship students at the University of Maryland, College Park. The program aims to consolidate participants' language gains in previous academic semesters, help them retain their developing command of the language, boost their fluency in using Persian, and accelerate their language acquisition.

0101	Ali Abasi	Seats (Total: 13)
	Meets June 1, 2009 - June 26, 2009	
	MTuWThF 9:00am - 1:00pm	JMZ 3118
	MTuWThF 1:00pm - 3:00pm	JMZ 1224

PERS399B **Directed Study in Persian; Directed Studies in Persian II- Intensive Persian Language Summer Institute**

PERS399B Directed Study in Persian: Directed Studies in Persian II- Intensive Persian Language Summer Institute; (3 credits) Grade Method: REG/P-F/AUD. Open Only to Undergraduate Persian Flagship Students.This is an intensive Persian language summer institute program especially designed to advance the language learning of undergraduate Persian Flagship students at the University of Maryland, College Park. The program aims to consolidate participants' language gains in previous academic semesters, help them retain their developing command of the language, boost their fluency in using Persian, and accelerate their language acquisition.

0101	Ali Abasi	Seats (Total: 13)
	Meets June 29, 2009 - July 31, 2009	
	MTuWThF 9:00am - 1:00pm	JMZ 3118
	MTuWThF 1:00pm - 3:00pm	JMZ 1224

PERS601 **Modern Persian Literature**
Contact department for information to register for this course.

PERS662 **Persian Sociolinguistics**
Contact department for information to register for this course.

PHIL Philosophy Summer 2009

PHIL100 **Introduction to Philosophy**

PHIL100 Introduction to Philosophy; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
An introduction to the literature, problems, and methods of philosophy either through a study of some of the main figures in philosophic thought or through an examination of some of the central and recurring problems of philosophy. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who have questions can contact the instructor at thedave@umd.edu.

0201	David McElhoes	Seats (Total: 40)
	Meets July 13, 2009 - August 21, 2009	
	Class time/details on ELMs	ONLINE

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.

0101	Stephen Emet	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This is an online section, which will be taught using Blackboard. There will be no classroom meetings.	
04YS	Elizabeth Schechter	Seats (Total: 20)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 10:00am - 1:00pm	TLF 1103
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.	

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns.

0401	Wei Zhang	Seats (Total: 30)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 10:00am - 12:40pm	SKN 1115

PHIL209T **Time in Philosophy, Film and Literature**

PHIL209T Time in Philosophy, Film and Literature; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Does time really pass? How has Einstein's theory of relativity changed our understanding of time? Is time travel possible? Could we experience time running backwards? This course explores these questions through philosophy, science, fiction and film.

0301	Mathias Frisch	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:00pm - 3:40pm	SKN 1115

PHIL209W **The Problem with Free Will**

PHIL209W The Problem with Free Will; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Human beings seem to be subject to the smae scientific laws as rocks and computers. Does this mean you don't act freely? And if God knows what you're going to do before you do it, in what sense do you have a choice? We'll consider such questions and their implications for praise, blame, and punishment.Students should contact the instructor at millsap@umd.edu if they have questions.

0101	Ryan Millsap	Seats (Total: 30)
	Meets June 1, 2009 - July 10, 2009	
	Class time/details on ELMs	ONLINE

PHIL236 **Philosophy of Religion**

PHIL236 Philosophy of Religion; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
A philosophical study of some of the main problems of religious thought: the nature of religious experience, the justification of religious belief, the conflicting claims of religion and science, and the relation between religion and morality. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who have questions can contact the instructor at bschan@umd.edu.

0101	Benedict Chan	Seats (Total: 40)
	Meets June 1, 2009 - July 10, 2009	
	Class time/details on ELMs	ONLINE

PHIL308B **Studies in Contemporary Philosophy; Ethical issues in mediciine and life science**

PHIL308B Studies in Contemporary Philosophy: Ethical issues in mediciine and life science; (3 credits) Grade Method: REG/P-F/AUD.
This course explores controversial issues in bioethics, several of which are the subject of lively public debate. For example, we examine moral issues posed by "designer babies" and performance-enhanced drugs.

0501	Samuel Kerstein	Seats (Total: 30)
	Meets June 22, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 3:40pm	SKN 1115
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .	

PHIL308X **Studies in Contemporary Philosophy; Wisdom**

PHIL308X Studies in Contemporary Philosophy: Wisdom; (3 credits) Grade Method: REG/P-F/AUD.
What is wisdom? What makes someone wise? Can wisdom be acquired? In this course, we will read wisdom literature in several traditions and genres. Most centrally, we will contemplate the nature of the universe, the condition of human beings, and ask what represents the most authentic response to that condition. Students should contact the instructor at joel_gibson11@hotmail.com if they have questions.

0201	Joel Gibson	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	Class time/details on ELMs	ONLINE

PHIL324 **Existentialism**

PHIL324 Existentialism; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: six credit hours in philosophy. A study of authors such as Kierkegaard, Nietzsche, Heidegger, Sarte, and Camus on issues of human morality, freedom, and suffering. Click here for more course information.

0401	Dimiter Kirilov	Seats (Total: 30)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 1:00pm - 3:40pm	SKN 1115

PHIL498W **Topical Investigations**

PHIL498W Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

PHIL498X **Topical Investigations**

PHIL498X Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD.

0201	Instructor: TBA	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

PHIL688W **Selected Problems in Philosophy**

PHIL688W Selected Problems in Philosophy; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

PHIL688X **Selected Problems in Philosophy**

PHIL688X Selected Problems in Philosophy; (1-3 credits) Grade Method: REG/AUD.

0201	Instructor: TBA	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

PHIL788W **Research in Philosophy**

PHIL788W Research in Philosophy; (1-6 credits) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

PHIL788X **Research in Philosophy**

PHIL788X Research in Philosophy; (1-6 credits) Grade Method: REG/AUD.

0201	Instructor: TBA	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

PHIL799 **Master's Thesis Research**

PHIL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHIL899 **Doctoral Dissertation Research**

PHIL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS Physics Summer 2009

PHYS121 **Fundamentals of Physics I**

PHYS121 Fundamentals of Physics I; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: MATH112 or MATH115. The first part of a two-semester course in general physics treating the fields of mechanics, heat, sound, electricity, magnetism, optics, and modern physics. Together with PHYS122, this generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0101	Kathleen Restorff **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am TuTh 12:00pm - 2:00pm MW 11:00am - 11:50am	Seats (Total: 24) PHY 1201 PHY 3306 PHY 4208	 Lab Discussion
0102	Kathleen Restorff **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am TuTh 2:00pm - 4:00pm TuTh 1:00pm - 1:50pm	Seats (Total: 24) PHY 1201 PHY 3306 PHY 0405	 Lab Discussion

0103	Kathleen Restorff	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	PHY 1201	
	TuTh 4:00pm - 5:50pm	PHY 3306	Lab
	TuTh 3:00pm - 3:50pm	PHY 4208	Discussion
0181	Hailu Gebremariam	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3306	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion
0182	Hailu Gebremariam	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	MW 7:00pm - 9:00pm	PHY 3306	Lab
	TuTh 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS122 **Fundamentals of Physics II**

PHYS122 Fundamentals of Physics II; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: PHYS121 or equivalent. A continuation of PHYS121, which together with it, generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0101	Michael Rapport	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	PHY 0405	
	TuTh 12:00pm - 2:00pm	PHY 3312	Lab
	MW 11:00am - 11:50am	PHY 0405	Discussion
0201	Michael Rapport	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:30am - 10:50am	PHY 0405	
	TuTh 12:00pm - 2:00pm	PHY 3312	Lab
	MW 11:00am - 11:50am	PHY 0405	Discussion

0202	Michael Rapport	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:30am - 10:50am	PHY 0405	
	TuTh 2:00pm - 4:00pm	PHY 3312	Lab
	TuTh 1:00pm - 1:50pm	PHY 4208	Discussion
0281	Hailu Gebremariam	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3312	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion
0282	Hailu Gebremariam	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	MW 7:00pm - 9:00pm	PHY 3312	Lab
	TuTh 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS141 **Principles of Physics**

PHYS141 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Corequisite: MATH141 or MATH221. Credit will not be granted for PHYS171 and PHYS161 or PHYS141 or former PHYS191. The first of a two-semester series in general physics. The first semester covers the fields of mechanics, thermodynamics, and special relativity. This survey course will use calculus and is recommended for chemistry and zoology majors. It also satisfies the requirements of medical and dental schools.

0181	Giridhar Nandikotkur	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS142 **Principles of Physics**

PHYS142 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: PHYS141 or equivalent. Credit will be granted for only one of the following: PHYS142, PHYS260 and PHYS261 (formerly: PHYS262) or PHYS272. A continuation of PHYS141 covering waves, electricity and magnetism, optics and modern physics.

0181	Gregory Jenkins	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 4208	
	TuTh 7:00pm - 9:00pm	PHY 3310	Lab
	MW 7:00pm - 7:50pm	PHY 4208	Discussion
0281	Giridhar Nandikotkur	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS161 **General Physics: Mechanics and Particle Dynamics**

PHYS161 General Physics: Mechanics and Particle Dynamics; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Pre- or corequisite: MATH141. Credit will not be granted for PHYS171 and PHYS161 or PHYS141 or former PHYS191. First semester of a three-semester calculus-based general physics course. Laws of motion, force, and energy; principles of mechanics, collisions, linear momentum, rotation, and gravitation.

0101	Violeta Prieto	Seats (Total: 32)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	PHY 4220	
	TuTh 11:00am - 11:50am	PHY 4220	Discussion
0181	Chad Mitchell	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 5:30pm - 6:50pm	PHY 4220	
	TuTh 7:00pm - 7:50pm	PHY 0405	Discussion

PHYS260 **General Physics: Vibration, Waves, Heat, Electricity and Magnetism**

PHYS260 General Physics: Vibration, Waves, Heat, Electricity and Magnetism; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) Course when take concurrently with PHYS 261. Prerequisite: MATH141 and PHYS161. Corequisite: PHYS261. Credit will be granted for only one of the following: PHYS142; PHYS260 and PHYS 261 (Formerly: PHYS262) or PHYS272. Formerly PHYS262. Second semester of a three-semester calculus-based general physics course. Vibrations, waves, fluids; heat, kinetic theory, and thermodynamics; electrostatics, circuits, and magnetism. PHYS260 and PHYS261 must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	John Jacobson	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWThF 9:30am - 10:50am	PHY 1219	
	MW 11:00am - 12:00pm	PHY 1219	Discussion

PHYS261 **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 260. Corequisite: PHYS260. Formerly PHYS262A. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	John Jacobson	Seats (Total: 24)	
	Meets July 13, 2009 - August 23, 2009		
	TuTh 1:00pm - 4:00pm	PHY 3219	Lab

PHYS261M **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261M General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 260. Corequisite: PHYS260. Formerly PHYS262A.

0201	Nicholas Hadley	Seats (Total: 10)	
	Meets July 13, 2009 - August 23, 2009		
	Contact instructor or department for details.		

PHYS270 **General Physics: Electrodynamics, Light, Relativity and Modern Physics**

PHYS270 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) Course when take concurrently with PHYS 271. Prerequisite: PHYS260, PHYS261 and MATH241. Corequisite: PHYS271. Credit will be granted for only one of the following: PHYS270 and PHYS271 (Formerly: PHYS263) or PHYS273. Formerly PHYS263. Third semester of a three-semester calculus-based general physics course. Electrodynamics, Maxwell's equations and electromagnetic waves, geometrical optics, interference, diffraction, special theory of relativity, and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	Christen Fleming	Seats (Total: 27)	
	Meets June 1, 2009 - July 12, 2009		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	MW 11:00am - 12:00pm	PHY 1402	Discussion

PHYS271 **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271 General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 270. Prerequisite: PHYS261. Corequisite: PHYS270. Formerly PHYS263A. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	Christen Fleming	Seats (Total: 24)	
	Meets June 1, 2009 - July 12, 2009		
	MW 1:00pm - 4:00pm	PHY 3220	Lab

PHYS271M **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271M General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 270. Prerequisite: PHYS261. Corequisite: PHYS270. Formerly PHYS263A.

0101	Christen Fleming **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 10)

PHYS299 **Special Problems in Physics**

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS299R **Special Problems in Physics; Bardasis Summer Scholar Research Project**

PHYS299R Special Problems in Physics: Bardasis Summer Scholar Research Project; (1 credit) Grade Method: REG/P-F/AUD.

0102	Michael Fuhrer **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)
0103	Arthur La Porta **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)
0104	Carter Hall **Meets June 1, 2009 - August 23, 2009** Contact instructor or department for details.	Seats (Total: 1)

PHYS399 **Special Problems in Physics**

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS405 **Advanced Experiments**

PHYS405 *(PermReq)* **Advanced Experiments; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: PHYS375. For PHYS majors only. Formerly PHYS395. Advanced laboratory techniques. Selected experiments from many fields of modern physics. Emphasis on self-study of the phenomena, data analysis, and presentation in report form.

0101	Solomon Granor	Seats (Total: 8)
	Meets June 1, 2009 - July 24, 2009	
	MTuWThF 9:30am - 10:50am	PHY 3112

PHYS499 **Special Problems in Physics**

PHYS499 *(PermReq)* **Special Problems in Physics; (1-16 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS499A **Special Problems in Physics**

PHYS499A *(PermReq)* **Special Problems in Physics; (1-16 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS798 **Special Problems in Advanced Physics**

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS798I **Special Problems in Advanced Physics; RF Superconductivity: Physics, Technology and Applications**

Contact department for information to register for this course.

PHYS798J **Special Problems in Advanced Physics; Beam Dynamics Experiments on University of Maryland Electron Ring**

	Contact department for information to register for this course.
PHYS798K	**Special Problems in Advanced Physics; Beam Physics with Intense Space Charge** **Contact department for information to register for this course.**
PHYS798M	**Special Problems in Advanced Physics; Medical Applications of Accelerators** **Contact department for information to register for this course.**
PHYS798O	**Special Problems in Advanced Physics; Laser Plasma Accelerators** **Contact department for information to register for this course.**
PHYS798Q	**Special Problems in Advanced Physics; Vacuum Electron Devices** **Contact department for information to register for this course.**
PHYS798R	**Special Problems in Advanced Physics; Beam-Based Diagnostics** **Contact department for information to register for this course.**
PHYS798T	**Special Problems in Advanced Physics; Radiation Detection and Imaging for Medicine and Homeland Security** **Contact department for information to register for this course.**
PHYS798V	**Special Problems in Advanced Physics; Laser Application to Accelerators** **Contact department for information to register for this course.**
PHYS798W	**Special Problems in Advanced Physics; Microwave Sources** **Contact department for information to register for this course.**
PHYS798X	**Special Problems in Advanced Physics; Control Room Accelerator Physics** **Contact department for information to register for this course.**
PHYS799	**Master's Thesis Research** **PHYS799** *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**
PHYS898	**Pre-Candidacy Research**

PHYS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS899 **Doctoral Dissertation Research**

PHYS899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PORT Portuguese Summer 2009

PORT386 **Experiential Learning**

PORT386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: permission of department. Junior standing.

0131	Regina Igel **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 5)

PSYC Psychology Summer 2009

PSYC100 **Introduction to Psychology**

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD.
CORE Behavioral and Social Science (SB) Course.
A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0101	Barry Smith **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) BPS 1236
06FF	Thomas Capo **Meets August 3, 2009 - August 21, 2009** MTuWTh 1:00pm - 4:20pm *Part of Freshmen First. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.*	Seats (Total: 25) PLS 1180

PSYC200 **Statistical Methods in Psychology**

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100; and (MATH111 or MATH140 or MATH220) with a C (2.0) or higher. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. A basic introduction to quantitative methods used in psychological research.

0101	Yaron Shlomi **Meets June 1, 2009 - July 12, 2009** MW 5:00pm - 8:20pm	Seats (Total: 40) BPS 0283
0201	Thomas Capo **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) BPS 1236

PSYC206 **Developmental Biopsychology**

PSYC206 Developmental Biopsychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Biological basis of behavioral development in relation to genetic, constitutional, anatomical, physiological, and environmental factors. Emphasis upon both phylogenetic and ontogenetic research findings in biological psychology. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0301	Steven Brauth **Meets June 1, 2009 - June 19, 2009** MTuWThF 9:30am - 12:30pm	Seats (Total: 32) BPS 1124
0501	Steven Brauth **Meets June 22, 2009 - July 10, 2009** MTuWThF 9:30am - 12:30pm *Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .*	Seats (Total: 32) BPS 1124

PSYC221 **Social Psychology**

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior.

0101	Steven Buzinski, Ryan Curtis	Seats (Total: 45)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 1:00pm - 4:20pm	BPS 1238

PSYC301 **Biological Basis of Behavior**

PSYC301 Biological Basis of Behavior; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI105 and PSYC100. An introduction to the anatomical structures and physiological processes that determine behavior. After a study of the basic functioning of the nervous system, the course will examine the acquisition and processing of sensory information, the neural control of movement, and the biological bases of complex behaviors such as sleep, learning, memory, sex, language, and addiction.

0101	Frank Hall	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:30pm - 8:50pm	PLS 1115

PSYC309B **Special Topics in Psychology; Abnormal Child Psychology**

PSYC309B Special Topics in Psychology: Abnormal Child Psychology; (3 credits) Grade Method: REG/P-F/AUD.

0101	Kelly O'Brien	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	SYM 0215

PSYC332 **Psychology of Human Sexuality**

PSYC332 Psychology of Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. A survey of historical and contemporary psychological views on a wide variety of sexual behaviors; theory and research bearing on the relationship between life span psychological development, psychological functioning, interpersonal processes and sexual behaviors; political and social issues involved in current sexual norms and practices.

0101	Patricia Spangler	Seats (Total: 36)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	BPS 1234

PSYC334 **Psychology of Interpersonal Relationships**

PSYC334 Psychology of Interpersonal Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

0201	Ryan Curtis	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 9:30am - 12:50pm	BPS 1238

PSYC336 **Psychology of Women**

PSYC336 Psychology of Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: PSYC100. Also offered as WMST336. Credit will be granted for only one of the following: PSYC336 or WMST336. A survey of the biology, life span development, socialization, personality, mental health, and special issues of women.

0101	Kathryn Levit	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	BPS 1228

PSYC341 **Introduction to Memory and Cognition**

PSYC341 Introduction to Memory and Cognition; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. An introduction to the basic models, methods of research, and findings in memory, problem-solving, and language and their applications.

0101	Thomas Capo	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	MW 1:00pm - 4:20pm	BPS 1124

PSYC353 **Abnormal Psychology**

PSYC353 Abnormal Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. For PSYC majors only. The nature, diagnosis, etiology, and treatment of mental disorders. Other majors may register in the summer term.

0101	Barry Smith	Seats (Total: 24)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 5:00pm - 8:20pm	PLS 1184

PSYC354 **Cross-Cultural Psychology**

PSYC354 Cross-Cultural Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: PSYC100. Cultural components in theory and research in personality, social, and community psychology. Interplay of individual, ethnic, and cultural factors in psychosocial growth and well-being, cross-cultural and cross-ethnic communication, and counseling and psychotherapeutic interactions.

0201	Forrest Tyler	Seats (Total: 18)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:00am - 12:20pm	BPS 1142

PSYC355 **Developmental Psychology**

PSYC355 Developmental Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Survey of research and theory of psychological development from conception through childhood, stressing physiological, conceptual and behavioral changes, and the social and biological context in which individuals develop.

0101	Erin Cannon	Seats (Total: 15)	
	Meets June 1, 2009 - July 12, 2009		
	TuTh 9:30am - 12:50pm	BPS 1103	

PSYC386 **Experiential Learning**

PSYC386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. *Prerequisite: permission of department. Junior standing.* Click here for more course inforamtion.

0101	Marcia Marinelli	Seats (Total: 5)	
	Meets June 1, 2009 - August 14, 2009		
	Contact instructor or department for details.		

PSYC420 **Experimental Psychology: Social Processes I**

PSYC420 Experimental Psychology: Social Processes I; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200; PSYC221; the completion of the departmentally required math and science supporting course sequence; and 85 credits. A laboratory course to provide a basic understanding of experimental method in social psychology and experience in conducting research on social processes.

0101	Jeremy Schultz	Seats (Total: 25)	
	Meets June 1, 2009 - July 12, 2009		
	MW 1:00pm - 4:20pm	BPS 1228	
	Tu 1:00pm - 4:20pm	BPS 1228	Lab
0201	Jeremy Schultz	Seats (Total: 27)	
	Meets July 13, 2009 - August 23, 2009		
	MW 5:00pm - 8:20pm	JMP 1202	
	Tu 5:00pm - 8:20pm	JMP 1202	Lab

PSYC432 **Introduction to Counseling Psychology**

PSYC432 Introduction to Counseling Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: nine hours in psychology including PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0101	Kevin McGann **Meets June 1, 2009 - June 19, 2009** MTuWTh 9:00am - 12:45pm	Seats (Total: 30) PLS 1113

PSYC433 **Basic Helping Skills: Research and Practice**

PSYC433 Basic Helping Skills: Research and Practice; (4 credits) Grade Method: REG.
Prerequisite: PSYC200; and {PSYC235 or PSYC334 or PSYC353 or PSYC432 or PSYC434 or PSYC435 or PSYC436}; and 85 credits. For PSYC majors only. Theories and research regarding effective helping skills. Students will practice helping skills with each other and will conduct research projects evaluating their helping skills. Students should be willing to talk about personal issues in class. Because of the participatory nature of this class, attendance normally will be included in the computation of grades.

0101	Stacie Ain **Meets June 2, 2009 - August 7, 2009** TuTh 3:00pm - 6:00pm *This class meets for twelve weeks.*	Seats (Total: 18) BPS 1234
0102	Tamara Walden **Meets June 1, 2009 - July 12, 2009** MWF 9:00am - 12:00pm *This section meets for 6 weeks.*	Seats (Total: 18) BPS 1228

PSYC436 **Introduction to Clinical Psychology: From Science to Practice**

PSYC436 Introduction to Clinical Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200 or equivalent. Critical analysis of clinical psychology, with particular emphasis on current developments and trends.

0201	Kelly O'Brien	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:30am - 12:50pm	BPS 1234

PSYC469H **Honors Thesis Proposal Preparation**

PSYC469H *(PermReq)* **Honors Thesis Proposal Preparation; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Thomas Wallsten	Seats (Total: 5)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

PSYC478 **Independent Study in Psychology**

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Click here for more course information.

Contact department for information to register for this course.

PSYC479 **Special Research Problems in Psychology**

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Click here for more course information.

Contact department for information to register for this course.

PSYC629 **Clinical Laboratory**

PSYC629 *(PermReq)* **Clinical Laboratory; (1-3 credits)** Grade Method: S-F.

0101	Shannon Couture, Mary Byrne	Seats (Total: 20)
	Meets June 1, 2009 - August 21, 2009	
	Contact instructor or department for details.	

PSYC638 **Externship in Professional Psychology**

PSYC638 *(PermReq)* **Externship in Professional Psychology; (1-3 credits)** Grade Method: S-F.

0101	Jack Blanchard	Seats (Total: 10)
	Meets June 1, 2009 - August 21, 2009	
	Contact instructor or department for details.	

PSYC789 **Special Research Problems**

PSYC789 Special Research Problems; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC898 **Pre-Candidacy Research**

PSYC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC899 **Doctoral Dissertation Research**

PSYC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Summer 2009

PUAF388N **Special Topics in Public Policy; Intelligence and Public Policy**

PUAF388N Special Topics in Public Policy: Intelligence and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Examines the role of intelligence as an instrument of state-with heavy emphasis on the American context. Reviews the development of intelligence defined to cover the collection on information, covert action and counter intelligence. Foreign intelligence contexts will be introduced primarily to highlight the unique aspects of the American intelligence environment. Describes the reason civil and military leaders create and use intelligence services, principles of organization and practice commonly used in intelligence, and the relationship between intelligence and policy. Also offered as PUAF698N. Click here for more course information.

0101	Thomas Glakas	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:15pm - 7:15pm	VMH 1206

PUAF388R **Special Topics in Public Policy; Critical Thinking and Analytic Methodology**

PUAF388R Special Topics in Public Policy: Critical Thinking and Analytic Methodology; (3 credits) Grade Method: REG/P-F/AUD.
Thinking critically, analyzing effectively, and being able to solve problems are crucial skills. Moreover, fundamental changes in technology and in operational environments, whether they be in commercial or government sectors, have greatly impacted the way in which analysis is being conducted. Such skills require knowledge of developments and relationships that are occuring within each of those sectors. Also offered as PUAF699R. Click here for more course information.

0201	Adriane LaPointe	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 4:30pm - 7:45pm	SKN 1115

PUAF396 **Fellowship Program in Political Leadership**

PUAF396 *(PermReq)* **Fellowship Program in Political Leadership; (2-6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department and acceptance of full-time fellowship program. Credit will be granted for only one of the following: BSOS396 or PUAF396. Formerly BSOS396. Individual instruction course.

0101	Nina Harris	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

PUAF610 **Quantitative Aspects of Public Policy**
Contact department for information to register for this course.

PUAF640 **Microeconomic and Policy Analysis**
Contact department for information to register for this course.

PUAF650 **Moral Dimensions of Public Policy**
Contact department for information to register for this course.

PUAF670 **Finance**
Contact department for information to register for this course.

PUAF671 **Public Sector Finance**
Contact department for information to register for this course.

PUAF692 **Leadership Principles and Practices**
Contact department for information to register for this course.

PUAF698A **Selected Topics in Public Affairs; Smart Growth**
Contact department for information to register for this course.

PUAF698F **Selected Topics in Public Affairs; Jobs, Justice and the Environment**
Contact department for information to register for this course.

PUAF698L **Selected Topics in Public Affairs**
Contact department for information to register for this course.

PUAF698N **Selected Topics in Public Affairs; Intelligence and Public Policy**

PUAF698N Selected Topics in Public Affairs: Intelligence and Public Policy; (3 credits) Grade Method: REG/AUD.
Examines the role of intelligence as an instrument of state-with heavy emphasis on the American context. Reviews the development of intelligence defined to cover the collection on information, covert action and counter intelligence. Foreign intelligence contexts will be introduced primarily to highlight the unique aspects of the American intelligence environment. Describes the reason civil and military leaders create and use intelligence services, principles of organization and practice commonly used in intelligence, and the relationship between intelligence and policy. Also offered as PUAF388N. Click here for more course information.

0101	Thomas Glakas	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 4:15pm - 7:15pm	VMH 1206

PUAF698P **Selected Topics in Public Affairs; INFORMATION TECHNOLOGY & POLICY**
Contact department for information to register for this course.

PUAF698X **Selected Topics in Public Affairs; Performance Management and Leading for Results**
Contact department for information to register for this course.

PUAF699O **Selected Topics Public Policy; 21st Century Policy Challenges**
Contact department for information to register for this course.

PUAF699R **Selected Topics Public Policy; Critical Thinking for Analysts**

PUAF699R Selected Topics Public Policy: Critical Thinking for Analysts; (3 credits) Grade Method: REG/AUD.
Thinking critically, analyzing effectively, and being able to solve problems are crucial skills. Moreover, fundamental changes in technology and in operational environments, whether they be in commercialor goverment sectors, have greatly impacted the way in which analysis is being conducted. Such skills require knowledge of developments and relationships that are occuring within each of those sectors. Also offered as PUAF388R. Click here for more course information.

0201	Adriane LaPointe	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 4:30pm - 7:45pm	SKN 1115

PUAF699T	**Selected Topics Public Policy; Terrorism Analysis: Tools & Practices** **Contact department for information to register for this course.**
PUAF699W	**Selected Topics Public Policy; Motivations and Intents of Terrorism** **Contact department for information to register for this course.**
PUAF699X	**Selected Topics Public Policy; Organizational Behavior** **Contact department for information to register for this course.**
PUAF711	**Public Management and Leadership** **Contact department for information to register for this course.**
PUAF712	**Analysis of Fiscal Conditions** **Contact department for information to register for this course.**
PUAF724	**Problems of Global Security** **Contact department for information to register for this course.**
PUAF740	**Public Policy and the Environment** **Contact department for information to register for this course.**
PUAF752	**Managing Differences:Resolving Conflict and Negotiating Agreements** **PUAF752 Managing Differences:Resolving Conflict and Negotiating Agreements; (3 credits)** Grade Method: REG/AUD. *For PUAF majors only or permission of department.* Enhances the student's negotiation and leadership skills for managing differences between individuals and groups. Students study the nature of conflict, learn how to handle two and multiparty conflicts, exerting leadership where there are no hierarchy leaders, and explore the impact of facilitators and mediators on the negotiating process. Blends skill building exercises and theory discussions about the behavior of groups and individuals in groups to understand negotiation dynamics.

RB01	Charles Field	Seats (Total: 13)
	Meets June 2, 2009 - July 29, 2009	
	MW 5:30pm - 8:00pm	Location: TBA
	The section will meet at the Environmental Protection Agency headquarters downtown. There are two weekend sections: one on Saturday, June 13, from 9am to 5pm, and the other on Sunday, June 21, from 1pm-5pm.	

PUAF770 **Seminar in Housing and Community Development Strategies**
Contact department for information to register for this course.

PUAF772 **Housing Finance**
Contact department for information to register for this course.

PUAF774 **Asset Management**
Contact department for information to register for this course.

PUAF790 **Project Course**
Contact department for information to register for this course.

PUAF798A **Readings in Public Policy**
Contact department for information to register for this course.

PUAF798B **Readings in Public Policy**

PUAF798B Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
For PUAF majors only.

Contact department for information to register for this course.

PUAF899 **Doctoral Dissertation Research**

PUAF899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

RDEV Real Estate Development Summer 2009

RDEV688J **Selected Topics in Real Estate Development; Principles Urban Desgin**

RDEV688J *(PermReq)* **Selected Topics in Real Estate Development: Principles Urban Desgin; (3 credits)** Grade Method: REG/AUD.
Permission of the department required to register.

0201	Christian Calleri	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 6:45pm - 10:00pm	ARC 1103

RDEV688Q **Selected Topics in Real Estate Development; Geographic Information Systems**

RDEV688Q *(PermReq)* **Selected Topics in Real Estate Development: Geographic Information Systems; (3 credits)** Grade Method: REG/AUD.
Permission of the department required to register.

0201	Selma Hepp, Chao Liu	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MW 6:30pm - 9:45pm	ARC 1103

RDEV688T **Selected Topics in Real Estate Development; Study Tour in China**
Contact department for information to register for this course.

RDEV689Y **Current Topics in Real Estate Development; Guided Real Estate Development Project**

RDEV689Y *(PermReq)* **Current Topics in Real Estate Development: Guided Real Estate Development Project; (1 credit)** Grade Method: REG/AUD.
Permission of the department required to register.

0101	Margaret McFarland	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

RUSS Russian Summer 2009

RUSS201 **Intermediate Russian I**

RUSS201 Intermediate Russian I; (5 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: RUSS102 or RUSS114 or equivalent. Not open to native speakers of Russian. Continued activation and expansion of skills and knowledge acquired in an elementary Russian course with the goal of communicative competence.

0101	Tatyana Vdovina, Svetlana Cook	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuWTh 9:30am - 12:20pm	MTH 1308

RUSS202 **Intermediate Russian II**

RUSS202 Intermediate Russian II; (5 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: RUSS201. Not open to native speakers of Russian. Continued activation and expansion of skills and knowledge acquired in RUSS201 with the goal of communicative competence.

0201	Tatyana Vdovina, Svetlana Cook	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	TuWTh 10:00am - 1:30pm	JMZ 1226

RUSS798 **Independent Study**
Contact department for information to register for this course.

SOCY Sociology Summer 2009

SOCY100 **Introduction to Sociology**

SOCY100 Introduction to Sociology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change.

0201	John Pease	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	MTuWThF 9:30am - 10:50am	PLS 1119

0501	Ismail Demirezen **Meets June 22, 2009 - July 10, 2009** MTuWThF 9:00am - 11:40am *Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .*	Seats (Total: 40) ASY 3211
06FF	Amber Nelson **Meets August 3, 2009 - August 21, 2009** MTuWTh 1:00pm - 4:20pm *Part of Freshmen First. Students who wish to register for this section after July 17, 2009, plea se e-mail summer@umd.edu.*	Seats (Total: 25) EDU 2119

SOCY105 **Introduction to Contemporary Social Problems**

SOCY105 Introduction to Contemporary Social Problems; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality. An introduction to sociology by examining contemporary social problems, with an emphasis on topics that relate to youth such as drug and alcohol abuse, teen pregnancy, and violence. We'll explore how social scientists define and measure social problems; how social problems connect to institutions such as religion, education, and government; and how conflict and inequality contribute to the presence of certain kinds of social problems in our society.

0101	Carolina Martin **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:20pm	Seats (Total: 40) TYD 1102
0401	Lester Andrist **Meets July 13, 2009 - July 31, 2009** MTuWTh 1:00pm - 4:20pm	Seats (Total: 40) ASY 1213
04YS	Nazneen Kane **Meets July 13, 2009 - July 31, 2009** MTuWThF 9:00am - 12:00pm *This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.*	Seats (Total: 20) EDU 2102

SOCY201 **Introductory Statistics for Sociology**

SOCY201 Introductory Statistics for Sociology; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100 and MATH111 or equivalent. Not open to students who have completed BMGT231, ENEE324, or STAT400. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Elementary descriptive and inferential statistics. Construction and percentaging of bivariate contingency tables; frequency distributions and graphic presentations; measures of central tendency and dispersion; parametric and nonparametric measures of association and correlation; regression; probability; hypothesis testing; the normal, binomial and chi-square distributions; point and interval estimates.

0201	Sarah Kendig	Seats (Total: 30)	
	Meets July 13, 2009 - August 23, 2009		
	MTuWTh 4:30pm - 6:10pm	ARC 1103	
	MW 7:00pm - 8:30pm	ARC 1101	Lab

SOCY203 **Sociological Theory**

SOCY203 Sociological Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100. Development of the science of sociology; historical backgrounds; recent theories of society. Required of all sociology majors.

0201	Roberto Korzeniewicz	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 9:00am - 12:20pm	ASY 3203

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

0301	Dawn Norris	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 9:00am - 12:20pm	ASY 3203

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: three credits of sociology.* Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0401	Kurt Finsterbusch	Seats (Total: 30)
	Meets July 13, 2009 - July 31, 2009	
	MTuWThF 9:30am - 12:10pm	ASY 3207

SOCY325 **The Sociology of Gender**

SOCY325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: three credits of sociology. Also offered as WMST325. Credit will be granted for only one of the following: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

01Z1	Emily Mann	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:20pm	SGII 4215
	Section 01Z1 will be taught at Shady Grove.	
0301	Nihal Celik	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:00pm - 3:40pm	ASY 3207

0601	Daniel Williams	Seats (Total: 40)
	Meets August 3, 2009 - August 21, 2009	
	MTuWTh 1:00pm - 4:20pm	JMZ 2206
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

SOCY380 **Honors Independent Reading in Sociology**

SOCY380 Honors Independent Reading in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Formerly SOCY378. This course permits sociology honor students to undertake a program or reading on a particular problem in sociology or a subfield therein. The reading will be done under the supervision of a member of the sociology faculty. Required of sociology honor students.

Contact department for information to register for this course.

SOCY381 **Honors Independent Research in Sociology**

SOCY381 Honors Independent Research in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY380. Formerly SOCY388. This course permits sociology students to define a particular problem in sociology or a subfield therein and to develop a research plan for use as a thesis topic. The work will be done under the supervision of a member of the sociology faculty.

Contact department for information to register for this course.

SOCY383 **Honors Thesis Research**

SOCY383 Honors Thesis Research; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY381. Formerly SOCY389. Student research under the direction of a member of the sociology faculty, culminating in the presentation and defense of a thesis reporting the research.

Contact department for information to register for this course.

SOCY386 **Experiential Learning**

SOCY386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

SOCY399 **Independent Study in Sociology**

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY401 **Intermediate Statistics for Sociologists**

SOCY401 Intermediate Statistics for Sociologists; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY201 or equivalent or permission of department. Not open to students who have completed ENEE324, BMGT231, or STAT400. Issues in the use of significance tests in sociology, one and two-way analysis of variance, elements of multiple regression and correlation, techniques for the analysis of nominal and ordinal data.

0101	Alan Neustadtl	Seats (Total: 20)	
	Meets June 1, 2009 - July 12, 2009		
	TuTh 9:00am - 12:20pm	EDU 1107	
	TuTh 1:30pm - 2:30pm	EDU 2102	Lab

SOCY410 **Social Demography**

SOCY410 Social Demography; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: six credits of sociology or permission of department. Types of demographic analysis; demographic data; population characteristics; migration; mortality; fertility; population theories; world population growth; population policy.

0301	Scott Albrecht	Seats (Total: 25)	
	Meets June 1, 2009 - June 19, 2009		
	MTuWTh 1:00pm - 4:20pm	ASY 3221	

SOCY424 **Sociology of Race Relations**

SOCY424 Sociology of Race Relations; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: six credits in sociology or permission of department. Also offered as AAST424. Credit will be granted for only one of the following: AAST424 or SOCY424.* Analysis of race-related issues, with a primary focus on American society. The historical emergence, development, and institutionalization of racism; the impact of racism on its victims; and racially based conflict.

0401	Michelle Beadle Holder	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWTh 1:00pm - 4:20pm	ASY 3221

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: six credits of sociology or permission of department. Junior standing. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.

0301	John Pease	Seats (Total: 30)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 9:00am - 11:40am	ASY 3207

SOCY443 **The Family and Society**

SOCY443 The Family and Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: six credits of sociology or permission of department.* Study of the family as a social institution; its biological and cultural foundations, historical development, changing structures and functions, the interaction of marriage and parenthood, disorganizing and reorganizing factors in present-day trends. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

02Z1	Shinta Hernandez	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 5:00pm - 8:20pm	SGII 3052
	This section meets at the Shady Grove campus.	

0501	Linda Moghadam	Seats (Total: 30)
	Meets June 22, 2009 - July 10, 2009	
	MTuWTh 6:00pm - 9:20pm	ASY 3215
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

SOCY498D **Selected Topics in Sociology; Sociology of Popular Culture**

SOCY498D Selected Topics in Sociology: Sociology of Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.
This course is dedicated to investigating popular culture and its role in American society and abroad. Among the issues to be explored are role of media and popular culture in everyday life, with a particular emphasis on advertising and mass media, the settings in which we consume, and the social significance of leisure activities from sports to shopping. A critical examination of contemporary sociological issues, including race, gender, class, sexuality and social movements as they are expressed in mainstream popular culture, will also be covered.

0201	Michelle Smirnova	Seats (Total: 30)
	Meets July 13, 2009 - August 23, 2009	
	MW 1:00pm - 4:20pm	ASY 3203

SOCY699 **Special Social Problems**

SOCY699 Special Social Problems; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY799 **Master's Thesis Research**

SOCY799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY898 **Pre-Candidacy Research**

SOCY898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY899 **Doctoral Dissertation Research**

SOCY899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN Spanish Summer 2009

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Not open to students who have completed SPAN101, SPAN102, more than two years of high school Spanish, or to fluent/native speakers of Spanish. Credit will be granted for only one of the following: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Kathryn Taylor **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 2207
0102	Sofia Calzada-Orihuela **Meets June 1, 2009 - July 12, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) EDU 0114
0201	Maggy Rodriguez **Meets July 13, 2009 - August 23, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 2207

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103 or equivalent. Not open to students who have completed four years of high school Spanish or to fluent/native speakers of Spanish. Credit will be granted for only one of the following: SPAN201 or SPAN203. Formerly SPAN201.
Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Gustavo Chaves **Meets June 1, 2009 - July 12, 2009** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 2206
0102	Laura Quijano **Meets June 1, 2009 - July 12, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1168
0201	Diego Panasiti **Meets July 13, 2009 - August 23, 2009** TuWTh 9:00am - 12:00pm	Seats (Total: 25) EDU 2119
0202	Norman Gonzalez **Meets July 13, 2009 - August 23, 2009** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1172

SPAN207 **Reading and Writing in Spanish**

SPAN207 Reading and Writing in Spanish; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN203 with a grade of B+ or higher; or SPAN204 or concurrent SPAN204; or equivalent knowledge; or permission of department. Selected readings with emphasis on reading comprehension and the development of reading strategies. Work in composition writing and a review of selected grammatical topics. Complements material of SPAN204.

0101	Karen Krausen **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:20pm	Seats (Total: 25) PLS 1115

SPAN222 **Cultural Difference in Contemporary Latin America**

SPAN222 Cultural Difference in Contemporary Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. Introduction to representations and expressions in Latin America: cultural stereotypes, representations of difference, forms of discrimination, sublimation of difference into national identity, and the staging of the other. Taught in English.

0101	Vivianne Salgado **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:20pm	Seats (Total: 25) PLS 1111
0201	Alejandra Echazu **Meets July 13, 2009 - August 23, 2009** TuWTh 9:30am - 11:45am	Seats (Total: 25) BPS 0283
0202	Maria Campero **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:20pm	Seats (Total: 25) JMZ 3120

SPAN224 **Violence and Resistance in the Americas**

SPAN224 Violence and Resistance in the Americas; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. Indigenous vision of violence and resistance in the Americas. Texts and maps from the European explorers and conquerors are also studied. Readings include primary texts from the 16th as well as from the 20th century. In English.

0201	Rebeca Moreno-Orama **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:20pm	Seats (Total: 25) JMZ 1117

SPAN301 **Advanced Grammar and Composition I**

SPAN301 Advanced Grammar and Composition I; (3 credits) Grade Method: REG/P-F/AUD.
Pre- or corequisite: SPAN207. Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.

0101	Christine Willie **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:20pm	Seats (Total: 20) PLS 1146

SPAN311 **Advanced Conversation I**

SPAN311 Advanced Conversation I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN204 or SPAN211 or permission of department. Not open to native/fluent speakers of Spanish.* Further development of listening and speaking skills in Spanish. Opportunity to develop oral fluency, improve pronunciation and increase vocabulary. Individual and/or group oral presentations.

0101	Roberta Lavine **Meets June 1, 2009 - July 12, 2009** MW 6:00pm - 9:20pm	Seats (Total: 20) PLS 1180
0201	Cristina Burneo **Meets July 13, 2009 - August 23, 2009** MW 6:00pm - 9:20pm	Seats (Total: 20) PLS 1164

SPAN312 **Advanced Conversation II**
Contact department for information to register for this course.

SPAN315 **Commercial Spanish I**

SPAN315 Commercial Spanish I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN301 and SPAN303; or permission of department.* Business Spanish terminology, vocabulary and practices. Emphasis on everyday spoken and written Spanish. Readings and discussions of Spanish commercial topics. May include exposure to Spanish commercial topics. May include exposure to Spanish business environments.

0101	Carmen Ruzza **Meets June 1, 2009 - July 12, 2009** TuTh 6:00pm - 9:20pm	Seats (Total: 20) JMZ 3205

SPAN333 **Spanish Culture, Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

SPAN399 **Independent Study in Spanish**

SPAN399 Independent Study in Spanish; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN401 **Advanced Composition I**

SPAN401 *(PermReq)* **Advanced Composition I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: SPAN302 or permission of department. Compositions and essays with emphasis on stylistics, idiomatic and syntactic structures. Organization and writing of research papers.

IHP1	Rocio Gordon	Seats (Total: 20)
	Meets July 6, 2009 - July 23, 2009	
	MTuWTh 9:30am - 1:00pm	Location: TBA
	Outreach Offering for PGCPS/MCPS Foreign Language.	

SPAN408A **Great Themes of the Hispanic Literatures; 19th Century Latin American Women Writers**

SPAN408A Great Themes of the Hispanic Literatures: 19th Century Latin American Women Writers; (3 credits) Grade Method: REG/P-F/AUD.

0401	Jorge Aguilar-Mora	Seats (Total: 25)
	Meets July 13, 2009 - July 31, 2009	
	MTuWTh 6:00pm - 9:20pm	JMZ 0208

SPAN408X **Great Themes of the Hispanic Literatures; Plurilingual/Pluricultural Spain**
Contact department for information to register for this course.

SPAN448A **Special Topics in Latin American Civilization; Afro Caribbean Beliefs in Contemporary Hispanic Caribbean Culture**

SPAN448A Special Topics in Latin American Civilization: Afro Caribbean Beliefs in Contemporary Hispanic Caribbean Culture; (3 credits) Grade Method: REG/P-F/AUD.

0101	Juan Carlos Quintero-Herencia	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:00pm - 9:20pm	PLS 1111

SPAN448B **Special Topics in Latin American Civilization**

SPAN448B Special Topics in Latin American Civilization; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as LASC448B and GVPT309P.

0201	Edward Kaufman	Seats (Total: 25)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 2:00pm - 5:20pm	TYD 0111
	Additional meeting dates- Friday, July 11 6-9pm; Saturday, July 12 and Sunday, July 13 9am-1pm and 2pm-6pm.	

SPAN699 **Independent Study in Spanish**

SPAN699 Independent Study in Spanish; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN799 **Master's Thesis Research**

SPAN799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN898 **Pre-Candidacy Research**

SPAN898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN899 **Doctoral Dissertation Research**

SPAN899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPHL Public Health Summer 2009

SPHL698F **Special Topics in Public Health; Social Marketing in Public Health**

SPHL698F Special Topics in Public Health: Social Marketing in Public Health; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

0101	Muhiuddin Haider **Meets June 1, 2009 - July 12, 2009** TuW 3:15pm - 7:00pm	Seats (Total: 20) SPH 0305

STAT Statistics and Probability Summer 2009

STAT100 **Elementary Statistics and Probability**

STAT100 Elementary Statistics and Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of Math Department based on satisfactory score on MATHEMATICS PLACEMENT EXAM; or MATH110, MATH112, MATH113, or MATH115. Not open to students who have completed MATH111 or any MATH or STAT course with a prerequisite of MATH141. Credit will be granted for only one of the following: MATH111 or STAT100. Simplest tests of statistical hypotheses; applications to before-and-after and matched pair studies. Events, probability, combinations, independence. Binomial probabilities, confidence limits. Random variables, expected values, median, variance. Tests based on ranks. Law of large numbers, normal approximation. Estimates of mean and variance.

0101	Benjamin Kedem **Meets June 1, 2009 - July 12, 2009** MTuWThF 8:00am - 9:20am	Seats (Total: 28) MTH 0105
0201	Abram Kagan **Meets July 13, 2009 - August 23, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 28) MTH B0425

STAT386 **Experiential Learning**

STAT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Junior standing.*

0150	Paul Smith **Meets June 1, 2009 - July 12, 2009** Contact instructor or department for details.	Seats (Total: 10)

STAT400 **Applied Probability and Statistics I**

STAT400 Applied Probability and Statistics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH 131 with a grade of C or better, or MATH 141 or equivalent. Not acceptable toward graduate degrees in STAT, AMSC, or MATH. Credit will be granted for only one of the following: BMGT231, ENEE324 or STAT400. These courses are not interchangeable. Consult your program requirements or advisor for what is acceptable toward your program of study. Random variables, standard distributions, moments, law of large numbers and central limit theorem. Sampling methods, estimation of parameters, testing of hypotheses.

0101	Paul Smith **Meets June 1, 2009 - July 12, 2009** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0425
0103	Dwijavanti Athreya **Meets June 1, 2009 - July 12, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH B0425
0201	Abram Kagan **Meets July 13, 2009 - August 23, 2009** MTuWThF 11:00am - 12:20pm	Seats (Total: 29) MTH 0105

STAT498A **Selected Topics in Statistics**

STAT498A *(PermReq)* **Selected Topics in Statistics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT689 **Research Interactions in Statistics**

STAT689 *(PermReq)* **Research Interactions in Statistics; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	

STAT698A **Selected Topics in Probability**

STAT698A *(PermReq)* **Selected Topics in Probability; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT798A **Selected Topics in Statistics**

STAT798A *(PermReq)* **Selected Topics in Statistics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT799 **Master's Thesis Research**

STAT799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT899 **Doctoral Dissertation Research**

STAT899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SUMM Summer — Summer 2009

SUMM010 **Non-Credit Workshop: Studio ArtIron Casting**

SUMM010 Non-Credit Workshop: Studio ArtIron Casting; (No CEU'S) Grade Method: NGI.

0301	Steven Jones	Seats (Total: 7)
	Meets June 1, 2009 - June 19, 2009	
	MTuWTh 12:30pm - 5:30pm	ASY 1310

SUMM015 **Field Methods in Archaeology**

SUMM015 Field Methods in Archaeology; (No CEU'S) Grade Method: NGI.
Click here for more course information.

0101	Mark Leone, Jocelyn Knauf, Amanda Tang	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 8:00am - 4:00pm	Location: TBA
0102	Stephen Brighton	Seats (Total: 15)
	Meets June 1, 2009 - July 12, 2009	
	MTuWThF 8:00am - 4:00pm	Location: TBA

SUMM037 **German Payment Waiver**
Contact department for information to register for this course.

SUMM062 **Academic Skills**

SUMM062 *(PermReq)* **Academic Skills; (No CEU'S)** Grade Method: NGI.

0101	Janet Thiel, Barbara Goldberg	Seats (Total: 150)
	Meets June 1, 2009 - June 26, 2009	
	MTuWTh 9:00am - 10:00am	JMZ 0220

SURV Survey Methodology Summer 2009

SURV623 **Data Collection Methods in Survey Research**

SURV623 Data Collection Methods in Survey Research; (3 credits) Grade Method: REG/AUD.
Review of alternative data collection methods used in surveys, concentrating on the impact these techniques have on the quality of survey data, including measurement error properties, levels of nonresponse and coverage error. Reviews of the literature on major mode comparisons (face-to-face interviewing, telephone survey and self-administered questionnaires), and alternative collection methods (diaries, administrative records, direct observation, etc.). The statistical and social science literatures on interviewer effects and nonresponse, and current advances in computer-assisted telephone interviewing (CATI), computer-assisted personal interviewing (CAPI), and other methods such as touchtone data entry (TDE) and voice recognition (VRE).

0101	Frederick Conrad	Seats (Total: 20)
	Meets June 1, 2009 - June 26, 2009	
	MTuWThF 1:00pm - 3:00pm	LEF 1208

SURV625 **Applied Sampling**

SURV625 Applied Sampling; (3 credits) Grade Method: REG/AUD.
Prerequisite: statistics course approved by the department. Practical aspects of sample design. Topics include: probability sampling (including simple random, systematic, stratified, clustered, multistage and two-phase sampling methods), sampling with probabilities proportional to size, area sampling, telephone sampling, ratio estimation, sampling error estimation, frame problems, nonresponse, and cost factors. Click here for more course information.

0102	James Lepkowski	Seats (Total: 20)
	Meets June 1, 2009 - July 3, 2009	
	MTuWThF 3:00pm - 5:00pm	LEF 1208

SURV630 **Questionnaire Design**

SURV630 Questionnaire Design; (3 credits) Grade Method: REG/AUD.
The stages of questionnaire design; developmental interviewing, question writing, question evaluation, pretesting, and questionnaire ordering and formatting. Reviews of the literature on questionnaire construction, the experimental literature on question effects, and the psychological literature on information processing. Examination of the diverse challenges posed by self versus proxy reporting and special attention is paid to the relationship between mode of administration and questionnaire design.

0101	Pamela Campanelli	Seats (Total: 20)
	Meets June 1, 2009 - June 26, 2009	
	MTuWThF 10:30am - 12:30pm	LEF 1208

SURV699 **Special Topics in Survey Methodology**

SURV699 *(PermReq)* **Special Topics in Survey Methodology; (1-3 credits)** Grade Method: REG/AUD.

0201	Roger Tourangeau	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

SURV699B **Special Topics in Survey Methodology; Introduction to Survey Sampling**

SURV699B Special Topics in Survey Methodology: Introduction to Survey Sampling; (1 credit) Grade Method: REG/AUD.
Click here for more course information.

0101	Roger Tourangeau	Seats (Total: 30)
	Meets July 6, 2009 - July 10, 2009	
	MTuWThF 9:00am - 12:00pm	LEF 1208

SURV699D **Special Topics in Survey Methodology; Introduction to Survey Quality**

SURV699D Special Topics in Survey Methodology: Introduction to Survey Quality; (1 credit) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets July 13, 2009 - July 17, 2009	
	Contact instructor or department for details.	

0201	Paul Biemer	Seats (Total: 10)
	Meets July 13, 2009 - July 17, 2009	
	MTuWThF 9:00am - 12:00pm	LEF 1208

SURV699F **Special Topics in Survey Methodology; Psychology of Survey Response**

SURV699F Special Topics in Survey Methodology: Psychology of Survey Response; (1 credit) Grade Method: REG/AUD.

0101	Roger Tourangeau	Seats (Total: 20)
	Meets July 6, 2009 - July 10, 2009	
	MTuWThF 1:00pm - 4:00pm	LEF 1218

SURV699K **Special Topics in Survey Methodology; Multi-Level Analysis of Survey Data**

SURV699K Special Topics in Survey Methodology: Multi-Level Analysis of Survey Data; (3 credits) Grade Method: REG/AUD.

0101	Robert Croninger	Seats (Total: 15)
	Meets June 1, 2009 - June 26, 2009	
	MTuWThF 10:30am - 12:30pm	LEF 2208

SURV699O **Special Topics in Survey Methodology; Introduction to Survey Nonresponse**

SURV699O Special Topics in Survey Methodology: Introduction to Survey Nonresponse; (1 credit) Grade Method: REG/AUD.
Click here for further course information.

0101	Instructor: TBA	Seats (Total: 10)
	Meets July 20, 2009 - July 24, 2009	
	MTuWThF 1:00pm - 4:00pm	LEF 1218

SURV899 **Doctoral Dissertation Research**

SURV899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET Theatre Summer 2009

THET110 **Introduction to the Theatre**

THET110 Introduction to the Theatre; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Introduction to the people of the theatre: actors, directors, designers and backstage personnel. The core and characteristics of a play script; theatrical forms and styles; and theatre history.

0101	AnnMarie Saunders **Meets June 1, 2009 - July 12, 2009** MTuW 10:00am - 12:15pm	Seats (Total: 26) PAC 1809
0201	Tracey Chessum **Meets July 13, 2009 - August 23, 2009** MWTh 10:00am - 12:15pm	Seats (Total: 12) PAC 1815

THET113 **Fundamentals of Theatre History**

THET113 Fundamentals of Theatre History; (3 credits) Grade Method: REG/P-F/AUD.
For Theatre majors or permission of department. Freshman standing. Explores the process of artistic and cultural creation by tracing major developments in theatre and drama from Greeks to the present.

0101	Chris Martin **Meets June 1, 2009 - July 12, 2009** MTuWTh 12:30pm - 2:10pm	Seats (Total: 15) PAC 1809

THET116 **Fundamentals of Theatrical Design**

THET116 Fundamentals of Theatrical Design; (3 credits) Grade Method: REG/P-F/AUD.
This course may be taken simultaneously with THE273, THET373, or THET284. Prerequisite: Theatre Majors or permission of department. Recommended: THET220 or THET222. Freshman standing. Examines theatre as an environmental art that is realized through collaboration between set, costume, and lighting designers.

0101	Daniel Conway	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:00am - 12:20pm	PAC 2733

THET120 **Introduction to Acting**

THET120 Introduction to Acting; (3 credits) Grade Method: REG/P-F/AUD.
For non-majors only. Through scene study, exercises, and improvisation, an appreciation is developed for the working habits of actors which will aid them in rehearsal as well as performance.

0301	Scot Reese	Seats (Total: 12)
	Meets June 1, 2009 - June 19, 2009	
	TuWThF 9:00am - 12:15pm	PAC 2740

THET373 **Rendering for the Theatre I**

THET373 Rendering for the Theatre I; (3 credits) Grade Method: REG/P-F/AUD.
This course may be taken simultaneously with THET116. Prerequisite: permission of department. Credit will be granted for only one of the following: THET373 or THET484. Formerly THET484. A study in the techniques and tools of drawing and painting. It is designed for the student to develop rendering and drawing skills for theatrical design presentation.

0101	Daniel Conway	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 12:30pm - 3:50pm	PAC 2733

THET386 **Experiential Learning**

THET386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

THET399G **Independent Study; Political Theatre**

THET399G Independent Study: Political Theatre; (3 credits) Grade Method: REG/P-F/AUD.

0201	Matthew Shifflett	Seats (Total: 20)
	Meets July 13, 2009 - August 23, 2009	
	MTuW 10:00am - 12:15pm	PAC 1807

THET399M **Independent Study; Musicianship & Sight-Singing for the Actor**

THET399M Independent Study: Musicianship & Sight-Singing for the Actor; (3 credits) Grade Method: REG/P-F/AUD.

0201	Tracey Chessum	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	MWTh 1:00pm - 3:15pm	PAC 3736

THET399T **Independent Study; Tricks of the Trade: The Business of Acting and Working in the Theatre**

THET399T Independent Study: Tricks of the Trade: The Business of Acting and Working in the Theatre; (3 credits) Grade Method: REG/P-F/AUD.

0101	Karalee Dawn	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuW 10:00am - 12:15pm	PAC 1815

THET489Q **Special Topics in Theatre History from 1800 to Present; Where the Wilde Things are: The Construction of Queer Identities in drama and performance**

THET489Q Special Topics in Theatre History from 1800 to Present: Where the Wilde Things are: The Construction of Queer Identities in drama and performance; (3 credits) Grade Method: REG/P-F/AUD.

0101	Korey Rothman	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	MTuW 12:30pm - 2:45pm	PAC 1815

THET499 **Independent Study**

THET499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET789 **Master's Practicum**

THET789 *(PermReq)* **Master's Practicum; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET799 **Master's Thesis Research**

THET799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET899 **Doctoral Dissertation Research**

THET899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

UMEI Maryland English Institute Summer 2009

UMEI002 **English as a Foreign Language: Intermediate I**

UMEI002 *(PermReq)* **English as a Foreign Language: Intermediate I; (12 credits)** Grade Method: S-F.
Intensive course for the non-native speaker of English who has had some previous instruction in English. Emphasis on improving listening and speaking skills, on mastering intermediate grammatical structures, and on expanding vocabulary. Includes practice in reading and writing appropriate to the level. Special fee required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.

0101	Steven Sharp, Eric Walker	Seats (Total: 18)
	Meets June 19, 2009 - July 31, 2009	
	MWThF 9:00am - 10:50am	CSS 1113
	MWThF 11:00am - 11:50am	CSS 1113
	MWThF 1:00pm - 2:50pm	PLS 1158
	Tu 9:00am - 11:50am	CSS 1113

UMEI003 **English as a Foreign Language: Intermediate II**

UMEI003 *(PermReq)* **English as a Foreign Language: Intermediate II; (12 credits)**
Grade Method: S-F.
Intensive course for the non-native speaker of English who has mastered the essential structures of English grammar. Emphasis on improving communicative skills for a wide range of linguistic situations, on rapid expansion of vocabulary, and on improving reading comprehension and basic writing skills. Special fee required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.

0101	Instructor: TBA	Seats (Total: 18)
	Meets June 18, 2009 - July 31, 2009	
	MTuWThF 9:00am - 11:50am	EGR 3102
	MTuWThF 1:00pm - 2:50pm	EGR 3102

UMEI004 **English as a Foreign Language: Intermediate III**

UMEI004 *(PermReq)* **English as a Foreign Language: Intermediate III; (12 credits)**
Grade Method: S-F.
Intensive course for the non-native speaker of English who has a good command of the basic features of spoken and written English. Emphasis on refining speaking and listening skills, on improving reading speed and comprehension of academic texts, and on developing writing skills for academic courses. Special fee required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.

0101	Daniela Wagner-Loera, Siobhan Dalrymple	Seats (Total: 10)
	Meets June 18, 2009 - July 31, 2009	
	MWThF 9:00am - 10:50am	PLS 1164
	MWThF 11:00am - 11:50am	PLS 1164
	MWThF 1:00pm - 2:50pm	PLS 1164
	Tu 9:00am - 11:50am	PLS 1164

0103	Kimberly Brown, Daniela Wagner-Loera	Seats (Total: 20)
	Meets June 18, 2009 - July 31, 2009	
	MTuWThF 9:00am - 11:50am	PLS 1184
	MWThF 1:00pm - 2:50pm	PLS 1184

UNIV University Courses Summer 2009

UNIV099 **Internship Seminar**

UNIV099 *(PermReq)* **Internship Seminar; (No credit)** Grade Method: S-F. Permission of Internship Coordinator required. Obtain signature and more information at the Career Center, 3100 Hornbake Library. Special fee required for this course.

0201	Megan O'Rourke	Seats (Total: 84)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	
0202	Megan O'Rourke	Seats (Total: 90)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

UNIV100 **The Student in the University**

UNIV100 The Student in the University; (1 credit) Grade Method: REG/P-F/AUD. *Not open to students who have completed EDCP108O. Credit will be granted for only one of the following: EDCP108O or UNIV100. Formerly EDCP108O.* Introduces students to University life. In a small classroom setting, students will explore how to successfully bridge the gap between high school and college. Study skills, career decision-making, and student development processes will be explored.

0101	Alissa Mayers	Seats (Total: 15)
	Meets June 22, 2009 - July 10, 2009	
	MTuWTh 9:00am - 12:00pm	EDU 0206

UNIV102 **STEP: Confidence Building and Study Skills in Mathematics**
Contact department for information to register for this course.

UNIV103 **STEP: Making a Successful Transition to University Life**

UNIV103 STEP: Making a Successful Transition to University Life; (1 credit)
Grade Method: REG/P-F/AUD.
For STEP Individual Admits only. A course designed to promote student awareness of university wide campus resources, and to assist students in their transition from high school to college.

0201	Nichole Howe **Meets July 13, 2009 - July 31, 2009** MTuWThF 8:30am - 10:00am	Seats (Total: 30) BPS 1236
0202	Brent Hernandez **Meets July 13, 2009 - July 31, 2009** MTuWThF 10:30am - 12:00pm	Seats (Total: 30) BPS 1124

UNIV288I **Global Communities Colloquium III**

UNIV288I *(PermReq)* **Global Communities Colloquium III; (1 credit)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

UNIV318B **Special Topics in Study Abroad; Indonesia, Civil Society, Democracy and Sustainable Developm**
Contact department for information to register for this course.

UNIV326 **Beyond the Classroom Seminar II**

UNIV326 Beyond the Classroom Seminar II; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: UNIV325; for students in the Beyond the Classroom (BTC) living and learning program. Seminar for students in internships and service-learning experiences as context for applying communication skills and knowledge of civic engagement leadership skills first introduced in UNIV325. Must be taken concurrently with experiential learning practicum.

0201	Megan Riley **Meets July 13, 2009 - August 23, 2009** M 4:00pm - 5:00pm	Seats (Total: 15) SCC 1102

UNIV389B **Special Topics in Undergraduate Studies; Reasearch Seminar**

Contact department for information to register for this course.

UNIV389C **Special Topics in Undergraduate Studies; Research Critique**
Contact department for information to register for this course.

UNIV399A **Experiential Learning in Undergraduate Studies; McNair Research Internship I**
Contact department for information to register for this course.

UNIV399B **Experiential Learning in Undergraduate Studies; McNair Research Internship II**
Contact department for information to register for this course.

UNIV399C **Experiential Learning in Undergraduate Studies; McNair Research Internship III**
Contact department for information to register for this course.

UNIV399M **Experiential Learning in Undergraduate Studies; McNair Program- Research Methods**

UNIV399M Experiential Learning in Undergraduate Studies: McNair Program-Research Methods; (2 credits) Grade Method: REG/P-F/AUD.

0101	Wallace Southerland	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	M 9:00am - 12:00pm	HBK 0105
	W 9:00am - 12:00pm	SKN 0104

URSP Urban Studies and Planning Summer 2009

URSP399I **Independent Study**

URSP399I *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP640 **Growth Management and Environmental Planning**

URSP640 *(PermReq)* **Growth Management and Environmental Planning; (3 credits)** Grade Method: REG/AUD.
Topics associated with growth management, defined as policies and strategies by which governments attempted to control the amount, location, pace, pattern and quality of development within their jurisdictions. Permission of the Department Required to Register.

0101	James Cohen	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 6:30pm - 9:45pm	ARC 1103

URSP681 **Urban Planning Law**

URSP681 Urban Planning Law; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: URSP 681, URBS 450, or URBS 681. Formerly URBS681. Survey of the urban legal environment. Issues of planning, zoning, eminent domain, land use controls, housing codes, historic preservation and related tax provisions.

0201	Stephen Karina	Seats (Total: 15)
	Meets July 13, 2009 - August 23, 2009	
	TuTh 7:00pm - 10:20pm	ARC 1127

URSP705 **Summer Community Planning Studio I**
Contact department for information to register for this course.

URSP706 **Summer Community Planning Studio II**

URSP706 Summer Community Planning Studio II; (2 credits) Grade Method: REG/AUD.
Prerequisite: permission of instructor. Intensive analysis and report-preparation of work completed in URSP 705. Held in College Park. Students seeking to meet the URSP studio requirement must also take URSP 705.

0201	Marie Howland	Seats (Total: 10)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

URSP708 **Community Planning Studio**

Contact department for information to register for this course.

URSP709 **Field Instruction**

URSP709 Field Instruction; (3 credits) Grade Method: REG/AUD.

0101	James Cohen	Seats (Total: 20)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
	Contact instructor or department for details.	

URSP788 **Independent Study in Urban Studies and Planning**

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP798 **Readings in Urban Studies and Planning**

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP799 **Master's Thesis Research**

URSP799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP898 **Pre-Candidacy Research**

URSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP899 **Doctoral Dissertation Research**

URSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST Women's Studies Summer 2009

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

0101	Carissa Liro-Hudson	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

WMST298F **Gender and Anthropology**

WMST298F Special Topics in Women's Studies: Gender and Anthropology; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ANTH298F.

0101	Katherine Johnson	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE

WMST325 **The Sociology of Gender**

WMST325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: Three credits of sociology. Also offered as SOCY325. Credit will be granted for only one of the following: WMST325 or SOCY325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

01Z1	Emily Mann	Seats (Total: 25)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:20pm	SGII 4215
	This course is crosslisted with SOCY325 01Z1.	
0301	Nihal Celik	Seats (Total: 40)
	Meets June 1, 2009 - June 19, 2009	
	MTuWThF 1:00pm - 3:40pm	ASY 3207
0601	Daniel Williams	Seats (Total: 40)
	Meets August 3, 2009 - August 21, 2009	
	MTuWTh 1:00pm - 4:20pm	JMZ 2206
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

WMST336 **Psychology of Women**

WMST336 Psychology of Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: PSYC100. Also offered as PSYC336. Credit will be granted for only one of the following: WMST336 or PSYC336. A study of the biology, life span development, socialization, personality, mental health, and special issues of women.

0101	Kathryn Levit	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	TuTh 9:30am - 12:50pm	BPS 1228

WMST348A **Literary Works by Women; Women and Science Fiction**

WMST348A Literary Works by Women: Women and Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.

0101	Jane Donawerth	Seats (Total: 35)
	Meets June 1, 2009 - July 12, 2009	
	MW 6:00pm - 9:15pm	SQH 1101

WMST386 **Experiential Learning**

WMST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by Women's Studies Academic Advisor. Junior standing.*

0101	Laura Nichols	Seats (Total: 10)
	Meets June 1, 2009 - July 12, 2009	
	Contact instructor or department for details.	
0201	Laura Nichols	Seats (Total: 3)
	Meets July 13, 2009 - August 23, 2009	
	Contact instructor or department for details.	

WMST400 **Theories of Feminism**

WMST400 Theories of Feminism; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: one course in WMST or a course cross-listed with a WMST course.* A study of the multiplicity of feminist theories which have been developed to explain women's position in the family, the workplace, and society. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate.

0101	Genevieve Page	Seats (Total: 30)
	Meets June 1, 2009 - July 12, 2009	
	Class time/details on ELMs	ONLINE
	This course will be taught online.	

WMST471 **Women's Health**

WMST471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as HLTH471. Credit will be granted for only one of the following: WMST471 or HLTH471. The women's health movement from the perspective of consumerism and feminism. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets June 1, 2009 - July 12, 2009	
	MW 5:00pm - 8:45pm	SPH 1303

0201	Katherine Sharp **Meets July 13, 2009 - August 23, 2009** MTuWTh 10:00am - 11:45am	Seats (Total: 40) SPH 1302
0202	Sylvette La Touche-Howard **Meets July 13, 2009 - August 23, 2009** MW 5:00pm - 8:45pm	Seats (Total: 40) SPH 1301

WMST498G **Advanced Special Topics in Women's Studies; Women & Hip Hop**

WMST498G Advanced Special Topics in Women's Studies: Women & Hip Hop; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0101	Mel Lewis **Meets June 1, 2009 - July 12, 2009** Class time/details on ELMs	Seats (Total: 30) ONLINE

WMST498M **Advanced Special Topics in Women's Studies; Black Masculinities in Hip Hop**

WMST498M Advanced Special Topics in Women's Studies: Black Masculinities in Hip Hop; (3 credits) Grade Method: REG/P-F/AUD.
This course will examine the different understandings of black manhood within media and self-representations within hip-hop culture and will explore and examine the relationship between hip-hop culture and understandings of black masculinity. This course takes serious that hip-hop culture has a major role in the perceptions and understandings of black men and manhood.

0101	Jeffrey McCune Jr. **Meets June 1, 2009 - June 19, 2009** Class time/details on ELMs	Seats (Total: 30) ONLINE

WMST499 **Independent Study**

WMST499 Independent Study; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST699 **Independent Study**

WMST699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST899 **Doctoral Dissertation Research**

WMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.